

# UMass Boston 2014 Summer Bulletin

[summer.umb.edu](http://summer.umb.edu) | 617.287.6000

650+ options on campus, off-campus and online



# Key Dates & Deadlines

## Summer 2014

### Academic Calendar - Session 1

	<b>CE 1</b> May 27 - June 26	<b>CE 2</b> May 27 - July 9	<b>CE 3</b> May 27 - July 24	<b>CE Online</b> May 27 - August 21
Registration begins	April 1 (Tu)	April 1 (Tu)	April 1 (Tu)	April 1 (Tu)
Classes begin	May 27 (Tu)	May 27 (Tu)	May 27 (Tu)	May 27 (Tu)
Last day to register online <sup>1</sup>	May 27 (Tu)	May 27 (Tu)	May 27 (Tu)	May 29 (Th)
Drop deadline	May 29 (Th)	May 29 (Th)	May 29 (Th)	May 29 (Th)
Add/Change deadline <sup>2</sup>	June 3 (Tu)	June 3 (Tu)	June 3 (Tu)	June 3 (Tu)
Pass/fail - withdrawal deadline	June 13 (F)	June 20 (F)	July 7 (M)	July 18 (F)
Last day of class	June 26 (Th)	July 9 (W)	July 24 (Th)	August 21 (Th)

## Summer 2014

### Academic Calendar - Session 2

	<b>CE 4</b> June 30 - July 31	<b>CE 5</b> July 14 - July 31	<b>CE 6</b> July 14 - August 21
Registration begins	April 1 (Tu)	April 1 (Tu)	April 1 (Tu)
Classes begin	June 30 (M)	July 14 (M)	July 14 (M)
Last day to register online <sup>1</sup>	June 30 (M)	July 14 (M)	July 14 (M)
Drop deadline	July 3 (Th)	July 17 (Th)	July 17 (Th)
Add/Change deadline	July 8 (Tu)	July 22 (Tu)	July 22 (Tu)
Pass/fail-withdrawal deadline	July 18 (F)	July 25 (F)	Aug 8 (F)
Last day of class	July 31 (Th)	July 31 (Th)	Aug 21 (Th)

<sup>1</sup> College of Advancing and Professional Studies online registration for Boston campus and off-campus courses will be closed at 8:30am on the day of the first class meeting. Online registration for online courses will be closed at 3:00pm on Thursday, May 29.

<sup>2</sup> During the 50% refund period a "W" - Withdrawal - is posted when dropping a course, unless simultaneously adding another course.

<b>Refund Schedule</b>	<b>Deadline for 100% refund</b>	<b>Deadline for 50% refund</b>
CE1, CE2, CE3, Online	May 29 (Th)	June 3 (Tu)
CE 4	July 3 (Th)	July 8 (Tu)
CE 5, CE6	July 17 (Th)	July 22 (Tu)

<sup>3</sup> No refunds will be given after the 50% refund deadline.

## One Stop Office Hours

M-Th 8:30am-6:00pm

F 10:00am-4:00pm

## University

### Holidays

(the University will be closed)

Patriots' Day April 21 (M)

Memorial Day May 26 (M)

Independence Day July 4 (F)

Registration and refund policies: visit [caps.umb.edu/moreinfo/registration/how/](http://caps.umb.edu/moreinfo/registration/how/)

# Your Summer. Well Spent.

As one of the largest and most varied summer programs in New England, UMass Boston, Boston's only public university, offers a boundless array of choices for summer study.


**Undergraduate and graduate courses.** With over 650 course sections in more than 60 subjects to choose from, take a course to get ahead on your degree (students from other schools welcome!), prepare for a possible return to university study, or enroll in studies for professional growth. Our course matrix gives you most of the information you need to register.

**Online options.** You want to take a summer course but you're wondering how to make it work in your summer schedule? Find over 100 online courses and online sections to help you complete requirements, on your unique schedule, and earn those extra credits that help you get closer to graduation.

**International study.** UMass Boston offers students the chance to participate in two- to four-week long global study programs, bringing you face-to-face with unique cultures, people, politics, histories, languages, arts, and archaeological treasures. Every program is accompanied by an experienced UMass Boston faculty member. New for Summer 2014: Three programs in Italy-Bologna, Cuma and Siena!

**Field study, Nantucket programs and summer institutes.** Field study programs give students an opportunity to go beyond the classroom and get their hands dirty, whether it's studying archaeology on a local estate or marine biology on Nantucket. Our summer institutes are unique opportunities for educators and scholars to explore a subject area in depth.

**Professional training and non-credit programs.** Non-credit offerings include our popular English as a Second Language programs as well as graduate test preparation courses: GMAT, GRE, LSAT and MTEL.

**Commitment to Sustainability.** Through a growing body of green programs and courses, across many disciplines, and in green campus practices, our students, faculty and staff are moving from awareness to action on environmental issues. Courses which include topics on sustainability will be identified with this icon: 

## More Information

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[summer.umb.edu](http://summer.umb.edu)

## Contact Us

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Summer Enrollment Svcs:

Tel 617.287.6000

CAPS Office:

Tel 617.287.7900

Fax 617.287.7922

Email [caps.umb.edu](mailto:caps.umb.edu)

## Visit CAPS

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UMass Boston  
Wheatley Hall  
2nd Floor, Room 203  
Boston, MA 02125-3393

## CAPS Hours

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Mon–Thu 8:30am–5:00pm

Fr 8:30am–4:30pm



# What's Inside Summer 2014

## i Key Dates and Deadlines

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Text: 50# Roland smooth opaque text, 30% pcw.



# General Education Courses

Students ~ Summer is the perfect time to take the Distribution and Diversity courses required for your major and for graduation.

## *A Snapshot of Choices!*

Over 160 Gen Ed options available over the summer break are now listed for easy reference, organized by Distribution Area for your convenience.

Course information is regularly updated and available at [summer.umb.edu](http://summer.umb.edu).

### DISTRIBUTION

- AR ARTS
- HU HUMANITIES
- MT MATHEMATICS
- NS NATURAL SCIENCES
- SB SOCIAL AND BEHAVIORAL SCIENCE
- WC WORLD CULTURE
- WL WORLD LANGUAGES

### DIVERSITY

- I INTERNATIONAL
- U UNITED STATES

### ARTS

AR	ART 100	The Language of Art
AR	ART 101	Ancient and Medieval Art
AR	ART 102	Renaissance to Modern Art
AR	ART 281	Drawing I
AR	ART 286	Introduction to Sculpture
AR	ART 293	Photography I (PR)
AR	DANCE 134	Modern Dance I
AR	DANCE 135	Multicultural Dance
AR	ENGL 200	Understanding Literature (PR)
AR	HONORS 290	Digital Media and Literature (PR)
AR	MUSIC 111	An Introduction to Music
AR I	MUSIC 115	World Music
AR U	MUSIC 241	American Music
AR I	MUSIC 248	Universe of Music
AR	MUSIC 258	American Music in Wartime
AR I	MUSIC 268	Music of Latin America
AR	THRART 100	Introduction to Theatre
AR	THRART 236	Introduction to Acting I
AR U	WOST 200	Twentieth Century Women Writers: A Feminist Perspective

### HUMANITIES

HU	AFRSTY 110	African-American History I
HU U	AFRSTY 111	African-American History II
HU	AMST 101	Popular Culture in America
HU U	AMST 206	The Sixties (PR)
HU U	AMST 210	American Society and Culture, 1600-1860 (PR)
HU	AMST 250	U.S. Travel and Tourism (PR)
HU U	AMST 223L	Asians in the United States (PR)
HU U	ASAMST 200	Introduction to Asian American Studies
HU U	ASAMST 223L	Asians in the United States
HU	ENGL 201	Five British Authors (PR)
HU	ENGL 319	English Epic Poetry (PR)
HU	HIST 212	Modern Western Civilization
HU	HIST 265	American History before 1877
HU	HIST 266	American History since 1877
HU	PHIL 100	Introduction to Philosophy

HU	U	PHIL 108	Moral and Social Problems
HU		PHIL 220	Environmental Ethics
HU		PHIL 222	Moral Issues in Medicine
HU		PHIL 380	Social & Political Philosophy (PR)
HU	U	SOCIO 223L	Asians in the United States
HU		WOST 150	Women, Culture and Identity
HU		WOST 220	Women and the Media

## MATHEMATICS

MT		CS 110	Introduction to Computing (PR)
MT		CS 114L	Introduction to Java (PR)
MT		CS 115L	Introduction to Java Part 2 (PR)
MT		CS 210L	Intermediate Computing with Data Structures (PR)
MT		ECON 205	Statistical Methods (PR)
MT		IT 114L	Introduction to Java (PR)
MT		IT 115L	Introduction to Java Part 2 (PR)
MT		IT 210L	Intermediate Computing with Data Structures (PR)
MT		MATH 125	Introductory Statistics (PR)
MT		MATH 129	Pre-Calculus for Management and Social Science Students (PR)
MT		MATH 130	Pre-Calculus (PR)
MT		MATH 134	Managerial Calculus (PR)
MT		MATH 140	Calculus I (PR)
MT		MATH 141	Calculus II (PR)
MT		PHIL 120	Introduction to Logic
MT		PSYCH 270	Statistics (PR)
MT		SOCIO 350	Elements of Social Statistics (PR)

## NATURAL SCIENCES

NS		ANTH 105	Introduction to Biological Anthropology
NS		ANTH 211	Human Origins (PR)
NS		BIOL 101	The Basis of Life
NS		BIOL 108	Introduction to Nutrition
NS		BIOL 111	General Biology I
NS		BIOL 112	General Biology II (PR)
NS		BIOL 207	Anatomy and Physiology I (PR)
NS		BIOL 208	Anatomy and Physiology II (PR)
NS		CAPS 111	Introduction to Biomimicry
NS		CHEM 115	Chemical Principles I (PR)
NS		CHEM 116	Chemical Principles II (PR)
NS		CHEM 251	Organic Chemistry I (PR)
NS		CHEM 252	Organic Chemistry II (PR)
NS		CHEM 111L	Environmental Concerns and Chemical Solutions
NS		EEOS 101	The Global Environment
NS		EEOS 225	Weather and Climate (PR)
NS		EEOS 226	Introduction to Oceanography (PR)
NS		ENVSTY 101	The Nature of Environmental Problems
NS		ENVSTY 111L	Environmental Concerns and Chemical Solutions
NS		PHYSIC 107	College Physics I (PR)
NS		PHYSIC 108	College Physics II (PR)

NS		PHYSIC 113	Fundamentals of Physics I (PR)
NS		PHYSIC 114	Fundamentals of Physics II (PR)

## SOCIAL AND BEHAVIORAL SCIENCES

SB	U	AMST 225L	Southeast Asians in the United States (PR)
SB		ANTH 106	Introduction to Cultural Anthropology
SB	U	ASAMST 225L	Southeast Asians in the United States
SB		COMSTU 100	Introduction to Communication
SB		COMSTU 250	Analyzing Media (PR)
SB		COMSTU 300	Information Technology and Human Communication
SB		CRMJUS 262L	Criminology (PR)
SB	U	CRMJUS 321L	Racial and Ethnic Relations (PR)
SB		CRMJUS 367L	Drugs and Society
SB		ECON 101	Introduction to Microeconomics (PR)
SB		ECON 102	Introduction to Macroeconomics (PR)
SB		ECON 201	Microeconomic Theory (PR)
SB		ECON 202	Macroeconomic Theory (PR)
SB		ECON 335	International Finance (PR)
SB	I	HIST 214	Modern World History
SB		POLSCI 102	Government and Politics of the United States
SB		PSYCH 100	Introductory Psychology
SB		SOCIO 101	Introduction to Sociology
SB		SOCIO 160	Social Problems (PR)
SB		SOCIO 281	Society and the Individual (PR)
SB	U	SOCIO 382	The Sociology of Gender (PR)
SB	U	SOCIO 225L	Southeast Asians in the United States
SB		SOCIO 262L	Criminology (PR)
SB	U	SOCIO 321L	Racial and Ethnic Relations (PR)
SB		SOCIO 367L	Drugs and Society (PR)
SB	U	WOST 100	Women and Society

## WORLD CULTURE

WC	I	AFRSTY 101	Introduction to Africana Studies
WC	I	ANTH 260	Anthropology On Film
WC	I	ANTH 272	Peoples and Cultures of Africa
WC	I	ANTH 273	Peoples and Cultures of Mesoamerica (Mexico and Guatemala)
WC		ANTH 274	Peoples and Cultures of the Caribbean
WC		ANTH 367	Social and Cultural Perspectives on Witchcraft and Sorcery (PR)
WC		ANTH 275L	Peoples and Cultures of China
WC		ASIAN 275L	Peoples and Cultures of China
WC	I	ASIAN 359L	Women in Modern China
WC		CLSICS 281	Greek Civilization
WC		CLSICS 375	Greek and Roman Tragedy (PR)
WC	I	HIST 359L	Women in Modern China
WC	I	WOST 359L	Women in Modern China

## **WORLD LANGUAGES**

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WL	ARABIC 101	Elementary Arabic I
WL	ARABIC 102	Elementary Arabic II (PR)
WL	CHINSE 101	Elementary Chinese I
WL	CHINSE 102	Elementary Chinese II (PR)
WL	FRENCH 100	Intensive Elementary French
WL	FRENCH 101	Elementary French I
WL	FRENCH 102	Elementary French II (PR)
WL	FRENCH 201	Intermediate French I
WL	FRENCH 202	Intermediate French II
WL	GERMAN 101	Elementary German I
WL	GERMAN 102	Elementary German II (PR)
WL	ITAL 101	Elementary Italian I
WL	ITAL 102	Elementary Italian II (PR)
WL	JAPAN 101	Elementary Japanese I
WL	JAPAN 102	Elementary Japanese II (PR)
WL	LATIN 101	Fundamentals of Latin I
WL	LATIN 115	Intensive Elementary Latin
WL	LATIN 302	Caesar
WL	SPAN 101	Elementary Spanish I (PR)
WL	SPAN 102	Elementary Spanish II (PR)
WL	SPAN 201	Intermediate Spanish I (PR)
WL	SPAN 202	Intermediate Spanish II (PR)

## **DIVERSITY ONLY**

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I	AFRSTY 150	African Images in Literature
I	AFRSTY 310	Modern Caribbean Society
I	ANTH 269L	Anthropology of the Objects and the Objectified: an Interdisciplinary Approach to Things
I	ASIAN 363L	Modern Japan
I	EEOS 102	World Regional Geography
I	ENGL 329	Narrative in the Novel and Film (PR)
I	HIST 253	History of Modern Africa
I	HIST 363L	Modern Japan
I	POLSCI 202	Comparative Politics of Transitional Societies (C)
I	POLSCI 220	International Relations (B)
U	POLSCI 340	Boston: Cooperation and Conflict in the Urban Environment (A)
I	POLSCI 375	Third World Development (C)
U	PSYCH 234	Psychology of Cross-cultural Relations (PR)
U	WOST 225	Latinas in the United States
U	WOST 240	Educating Women



## Course Matrix - Summer 2014

Courses marked with "PR" in "Prereq" column have prerequisites or permission requirements that must be met before enrolling. Room codes in the "Location" column identify the building, floor and room where an on-campus class is held. W: Wheatley Hall, M: McCormack Hall, H: Healey Library, S: Science Building. W-1-003 = Wheatley, 1st floor, Room 003. Additional course, faculty and registration information can be found by navigating through [summer.umb.edu](http://summer.umb.edu).

✦ = Special Regional Programs (e.g., courses taught on Nantucket) 🌐 = Summer Study Abroad

### Standard Summer Per Credit Fee

Undergraduate: \$351 per credit; Graduate: \$490 per credit. Lab fees are listed separately.

Special programs such as institutes, Nantucket courses or summer studies abroad may incur costs outside of the standard per credit course fee. These fees will be listed on those program pages within [summer.umb.edu](http://summer.umb.edu).

Catalog #	Title	Pre-Req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Loc	Instructor	Course Fee	Lab Fee
<b>UNDERGRADUATE COURSES</b>														
<b>Accounting and Finance</b>														
<i>Please refer to eligibility information on the College of Management website before enrolling in CM courses.</i>														
AF201	Personal Finance				3	1261	LEC	CEO	Online			M Sharif	1053	
AF210	Financial Accounting	PR			3	1262	LEC	CE2	TuTh	10:00a-1:00p	W-1-034	M Radding	1053	
AF210	Financial Accounting	PR			3	1263	LEC	CE2	MW	6:00-9:00p	M-1-418	J Swanson	1053	
AF210	Financial Accounting	PR			3	1264	LEC	CE6	MW	6:00-9:00p	M-1-617	A Vogel	1053	
AF211	Managerial Accounting	PR			3	1265	LEC	CE2	MW	10:00a-1:00p	W-1-064	J Chiafery	1053	
AF211	Managerial Accounting	PR			3	1266	LEC	CE6	TuTh	6:00-9:00p	M-2-116	T Alger	1053	
AF301	Introduction to Financial Management	PR			3	1267	LEC	CE2	TuTh	1:30-4:30p	W-1-010	K Callahan	1053	
AF301	Introduction to Financial Management	PR			3	1268	LEC	CE6	TuTh	10:00a-1:00p	W-1-064	Z Rzakhanov	1053	
AF310	Intermediate Accounting I	PR			3	1819	LEC	CE2	MW	6:00-9:00p	W-2-198	T Alger	1053	
AF330	Business Law	PR			3	1397	LEC	CE2	TuTh	6:00-9:00p	W-1-063	S Jackson	1053	
AF450	Federal Taxation I	PR			3	1398	LEC	CE2	TuTh	1:30-4:30p	W-1-045	M Radding	1053	
AF470	Financial Auditing	PR			3	1674	LEC	CE2	TuTh	6:00-9:00p	W-1-060	A Vogel	1053	
AF480	Accounting Internship	PR			3	1289	<i>By permission only. Please contact the department for more information.</i>							
AF495	Financial Policy	PR			3	1324	LEC	CE2	TuTh	6:00-9:00p	M-1-409	K Callahan	1053	
<b>Advancing and Professional Studies</b>														
CAPS111	Introduction to Biomimicry		NS		3	1992	LEC	CEO	Online			K Sullivan	1053	
<b>Africana Studies</b>														
AFRSTY 480/478	Haiti Today: People, Culture and Politics	3-6 credit summer program in Haiti and Dominican Republic. Program dates: July 7-August 1, 2014. Please visit <a href="http://summer.umb.edu">summer.umb.edu</a> for details.											1053	
AFRSTY101	Introduction to Africana Studies		WC	I	3	1142	LEC	CE2	MW	6:00-9:00p	W-1-031	Y Nuruddin	1053	
AFRSTY101	Introduction to Africana Studies		WC	I	3	1378	LEC	CE6	MW	6:00-9:00p	W-2-158	Y Nuruddin	1053	
AFRSTY101	Introduction to Africana Studies		WC	I	3	1811	LEC	CEO	Online			V Helenon	1053	
AFRSTY110	African-American History I		HU		3	1379	LEC	CE2	Online			Y Nuruddin	1053	
AFRSTY111	African-American History II		HU	U	3	1380	LEC	CE6	Online			Y Nuruddin	1053	
AFRSTY150	African Images in Literature			I	3	2081	LEC	CE2	TuTh	1:30-4:30p	W-2-127	C Azuonye	1053	
AFRSTY201	The Roots of the African-American Family				3	2082	LEC	CE2	MW	10:00a-1:00p	W-2-107	Y Nuruddin	1053	
AFRSTY300L	Women in African Cultures			I	3	1921	LEC	CE2	Online			A El Jack	1053	
AFRSTY300L	Women in African Cultures			I	3	1922	LEC	CE6	TuTh	10:00a-1:00p	W-1-057	C Ejueyitchie	1053	
AFRSTY310	Modern Caribbean Society			I	3	1737	LEC	CE6	TuTh	6:00-9:00p	W-1-052	J Rene	1053	
<b>American Studies</b>														
AMST101	Popular Culture in America		HU		3	1003	LEC	CE2	TuTh	10:00a-1:00p	W-1-045	H Musiol	1053	
AMST203	The Thirties	PR	HU		3	1982	LEC	CE2	TuTh	1:30-4:30p	W-2-198	P Raub	1053	
AMST204	The Forties	PR	HU		3	1983	LEC	CE6	TuTh	10:00a-1:00p	W-1-031	K Greenidge	1053	
AMST206	The Sixties	PR	HU	U	3	1004	LEC	CE6	MW	1:30-4:30p	W-2-124	J Hess	1053	

# Course Matrix - Summer 2014

Catalog #	Title	Pre-Req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Loc	Instructor	Course Fee	Lab Fee
AMST212G	The US in the Eighties	PR			3	1002	LEC	CE2	MW	1:30-4:30p	W-1-048	P Chassler	1053	
AMST215	America on Film	PR			3	1981	LEC	CE2	Online			R Goff	1053	
AMST223L	Asians in the United States	PR	HU	U	3	2136	LEC	CE6	TuTh	1:30-4:30p	W-1-019	S Lam	1053	
AMST225L	Southeast Asians in the United States	PR	SB	U	3	1721	LEC	CE2	MW	10:00a-1:00p	W-1-034	M Yang	1053	
AMST228L	Asian Women in the United States	PR	SB	U	3	2134	LEC	CE2	TuTh	10:00a-1:00p	M-3-617	E Yuen	1053	
AMST310	Television in American Life	PR			3	1005	LEC	CE6	TuTh	1:30-4:30p	W-1-031	K Lindsey	1053	
<b>Anthropology</b>														
ANTH 274/478 Caribbean Studies Summer Institute		6-9 credit international study program in Puerto Rico & the Virgin Islands. Program dates: 6/9-7/5. Visit summer.umb.edu.												
ANTH 485/685 Field School in Archaeology: Hassanamesit Woods Project		6 credit field study program. Program dates: 5/27 - 6/27. Visit summer.umb.edu for details.												
ANTH 485/685 Archaeological Field School in Plymouth		6 credit field study program. Program dates: 5/27-6/27. Visit summer.umb.edu for details.												
ANTH 485/685 Maya Archaeology Field School in Belize		6 credit summer study abroad in Belize, Central America. Program dates: 6/16-7/10. Visit summer.umb.edu for details.												
ANTH105	Introduction to Biological Anthropology		NS		3	1240	LEC	CE2	Online			A Todd	1053	
ANTH105	Introduction to Biological Anthropology		NS		3	1357	LEC	CE6	TuTh	10:00a-1:00p	W-1-061	A Veile	1053	
ANTH106	Introduction to Cultural Anthropology		SB		3	1006	LEC	CE2	MW	10:00a-1:00p	M-3-415	A Waters	1053	
ANTH106	Introduction to Cultural Anthropology		SB		3	1007	LEC	CE6	MW	10:00a-1:00p	M-2-214	E Kelley	1053	
ANTH211	Human Origins	PR	NS		3	1394	LEC	CE0	Online			T Ashok	1053	
ANTH220G	Indigenous Peoples and Cultural Change in Amazonia	PR			3	1241	LEC	CE6	TuTh	1:30-4:30p	W-1-029	R Sieber	1053	
ANTH223G	Afro-Caribbean Religions	PR			3	1219	LEC	CE2	MW	1:30-4:30p	W-1-037	A Waters	1053	
ANTH260	Anthropology On Film		WC	I	3	1143	LEC	CE2	TuTh	6:00-9:00p	M-1-418	P Addo	1053	
ANTH260	Anthropology On Film		WC	I	3	1561	LEC	CE6	MW	1:30-4:30p	S-2-062	A Waters	1053	
ANTH263	Anthropology of the Environment				3	2142	LEC	CE2	MW	6:00-9:00p	W-1-052	J Martinez Reyes	1053	
ANTH272	Peoples and Cultures of Africa		WC	I	3	1220	LEC	CE0	Online			B Worley	1053	
ANTH273	Peoples and Cultures of Mesoamerica (Mexico and Guatemala)		WC	I	3	1395	LEC	CE2	Online			A Todd	1053	
ANTH273	Peoples and Cultures of Mesoamerica (Mexico and Guatemala)		WC	I	3	2143	LEC	CE6	TuTh	10:00a-1:00p	W-2-158	J Martinez Reyes	1053	
ANTH274	Peoples and Cultures of the Caribbean		WC		3	1455	LEC	CE6	MW	6:00-9:00p	W-1-054	J Rene	1053	
ANTH275L	Peoples and Cultures of China		WC		3	1749	LEC	CE2	MW	1:30-4:30p	W-1-041	C Fung	1053	
ANTH280	Special Topics				3	2144	LEC	CE2	TuTh	1:30-4:30p	W-1-034	E Kelley	1053	
ANTH312	Human Variation	PR			3	2145	LEC	CE2	TuTh	10:00a-1:00p	M-2-214	T Ashok	1053	
ANTH366	The Anthropology of Religion	PR			3	1454	LEC	CE2	Online			J Pasto	1053	
ANTH367	Social and Cultural Perspectives on Witchcraft and Sorcery	PR			3	1242	LEC	CE0	Online			B Worley	1053	
ANTH372	Anthropology of Death	PR			3	1164	LEC	CE6	MW	10:00a-1:00p	W-1-005	A Waters	1053	
<b>Arabic</b>														
ARABIC101	Elementary Arabic I		WL		4	1243	LEC	CE2	MTuWTh	10:00-11:30a	W-2-127	S Slimane	1404	27
ARABIC102	Elementary Arabic II	PR	WL		4	1436	LEC	CE6	MTuWTh	10:00-11:30a	W-1-060	S Slimane	1404	27
<b>Art</b>														
ART 380 Studio Art in Nantucket: Painting Away Off Shore		3 credit course on Nantucket. Program dates: 6/26-7/11. Please visit summer.umb.edu for details.												
ART100	The Language of Art		AR		3	1227	LEC	CE2	TuTh	1:30-4:30p	M-3-407	C Scollans	1053	
ART101	Ancient and Medieval Art		AR		3	1008	LEC	CE6	MW	10:00a-1:00p	M-3-430	D Areford	1053	
ART102	Renaissance to Modern Art		AR		3	1009	LEC	CE6	MW	6:00-9:00p	M-3-430	C Scollans	1053	
ART252	American Art in Boston		AR		3	1228	LEC	CE2	TuTh	6:00-9:00p	M-3-407	C Scollans	1053	
ART281	Drawing I		AR		3	1010	LEC	CE2	TuTh	9:00a-12:30p	H-8-009	K Dacey	1053	40
ART281	Drawing I		AR		3	1011	LEC	CE6	TuTh	1:30-5:00p	H-8-009	A Norfolk	1053	40

Catalog #	Title	Pre-Req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Loc	Instructor	Course Fee	Lab Fee
ART281	Drawing I		AR		3	1144	LEC	CE2	TuTh	1:30-5:00p	H-8-009	K Dacey	1053	40
ART286	Materials, Processes, and Ideas: Intro to Contemporary Sculptural Practices		AR		4	1334	LEC	CE6	F	9:00a-5:00p	H-8-016	E Levine	1404	100
ART286	Materials, Processes, and Ideas: Intro to Contemporary Sculptural Practices		AR		4	2146	LEC	CE2	MW	1:30-4:30p	H-8-016	B Glaser	1404	100
ART293	Photography I	PR	AR		4	1229	LEC	CE2	MTh	10:00a-1:00p	H-UL-030	M Hart	1404	
ART293	Photography I Lab	PR			0	2147	LAB	CE2	TuF	Tu: 2:00-4:00p Th: 12:00-4:00p	H-UL-030	M Hart		100
ART295	Introduction to Video		AR		4	2148	LEC	CE6	TuTh	9:00a-12:00p	Tu: H-UL-030 Th: W-2-127	J Barrows	1404	
ART295	Introduction to Video Lab				0	2149	LAB	CE6	Tu	1:00-4:00p	H-UL-030	J Barrows		109
<b>Asian American Studies</b>														
ASAMST220	Special Topics				3	2129	LEC	CE2	TuTh	6:00-9:00p	W-2-107	S Boxell	1053	
ASAMST221L	Introduction to Asian-American Writing	PR	HU	U	3	2131	LEC	CE6	MW	10:00a-1:00p	W-2-107	E Yuen	1053	
ASAMST223L	Asians in the United States		HU	U	3	2137	LEC	CE6	TuTh	1:30-4:30p	W-1-019	S Lam	1053	
ASAMST225L	Southeast Asians in the United States		SB	U	3	1320	LEC	CE2	MW	10:00a-1:00p	W-1-034	M Yang	1053	
ASAMST228L	Asian Women in the United States		SB	U	3	2130	LEC	CE2	TuTh	10:00a-1:00p	M-3-617	E Yuen	1053	
ASAMST238L	Asian American Psychology		SB	U	3	2132	LEC	CE6	TuTh	10:00a-1:00p	W-1-010	J Tawa	1053	
ASAMST478	Independent Study I	PR			1-3	1723	LEC	CE2	by arrgt			P Kiang	var.	
ASAMST478	Independent Study I	PR			1-3	1724	LEC	CE6	by arrgt			P Kiang	var.	
ASAMST479	Independent Study II	PR			1-3	2133	LEC	CE2	by arrgt			P Kiang	var.	
ASAMST479	Independent Study II	PR			1-3	1725	LEC	CE6	by arrgt			P Kiang	var.	
<b>Asian Studies</b>														
ASIAN 480/478	China Today: Culture, History & Society	3-6 credit summer study in Beijing, Harbin and Dailan, China. Program dates: 6/6-6/22 in conjunction with the MBA program, Entrepreneurship in China and the US. Please visit <a href="http://summer.umb.edu">summer.umb.edu</a> for details.												
ASIAN275L	Peoples and Cultures of China		WC		3	1750	LEC	CE2	MW	1:30-4:30p	W-1-041	C Fung	1053	
ASIAN480	Topics in Asian Studies: Violence and the Novel in South Asia				3	1941	LEC	CE2	TuTh	10:00a-1:00p	W-1-005	A Mujumdar	1053	
<b>Biochemistry</b>														
BIOCHM383	Biochemistry I	PR			3	1012	LEC	CE6	MW	1:30-4:30p	W-2-158	M Sugumaran	1053	
<b>Biology</b>														
BIOL 100	Coastal Ecology	3 credit course offered on Nantucket. Program dates: 7/13 - 7/26. See <a href="http://summer.umb.edu">summer.umb.edu</a> for details.												
BIOL 306/506	Marine and Coastal Ecological Research	3 credit course offered on Nantucket. Program dates: 7/27 - 8/9. See <a href="http://summer.umb.edu">summer.umb.edu</a> for details.												
BIOL101	The Basis of Life		NS		3	1305	LEC	CE2	Online			J Tenzar	1053	
BIOL101	The Basis of Life		NS		3	2086	LEC	CE2	MTuWTh	12:00-1:30p	M-2-205	G Martin	1053	
BIOL108	Introduction to Nutrition		NS		3	1013	LEC	CE2	MW	10:00a-1:00p	W-1-005	A Bradley	1053	
BIOL108	Introduction to Nutrition		NS		3	1016	LEC	CE2	TuTh	6:00-9:00p	S-2-065	J Bagarova	1053	
BIOL108	Introduction to Nutrition		NS		3	1015	LEC	CE6	MW	6:00-9:00p	S-1-006	J Bagarova	1053	
BIOL108	Introduction to Nutrition		NS		3	1836	LEC	CE6	TuTh	10:00a-1:00p	M-3-617	R Whitehouse	1053	
BIOL111	General Biology I Note: please register for both a lecture and a lab section.		NS		4	1016	LEC	CE2	MTuWTh	10:00-11:30a	W-2-158	G Martin	1404	
				1017		LEC	CE2	MW	6:00-9:00p	S-1-006	Staff	1404		
				1018		LAB	CE2	MW	1:00-4:00p	M-1-114	J Stark		100	
				1019		LAB	CE2	TuTh	6:00-9:00p	M-1-114	Staff		100	
				1020		LAB	CE2	TuTh	12:00-3:00p	M-1-114	Staff		100	

## Course Matrix - Summer 2014

Catalog #	Title	Pre-Req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Loc	Instructor	Course Fee	Lab Fee
BIOL112	General Biology II Note: please register for both a lecture and a lab section.	PR	NS		4	1021	LEC	CE6	MTuWTh	10:00-11:30a	W-1-004	Staff	1404	
						1022	LEC	CE6	MW	6:00-9:00p	W-1-031	S Gazda	1404	
						1023	LAB	CE6	MW	1:00-4:00p	W-2-030	Staff		100
						1024	LAB	CE6	TuTh	12:00-3:00p	W-2-030	Staff		100
						1025	LAB	CE6	TuTh	6:00-9:00p	W-2-030	Staff		100
BIOL207	Anatomy and Physiology I Note: please register for both a lecture and a lab section.	PR	NS		4	1026	LEC	CE1	MTuWThF	8:00-10:00a	M-2-116	H Dean	1404	
						1027	LAB	CE1	MWF	1:30-4:30p	M-1-115	S Joyce-Bird		125
						102B	LAB	CE1	MWF	10:15a-1:15p	M-1-115	S Joyce-Bird		125
						1029	LAB	CE1	TuThF	10:15a-1:15p	M-1-115	S Joyce-Bird		125
BIOL20B	Anatomy and Physiology II Note: please register for both a lecture and a lab section.	PR	NS		4	1030	LEC	CE4	MTuWThF	8:00-10:00a	M-2-116	H Dean	1404	
						1031	LAB	CE4	MWF	1:30-4:30p	M-1-115	S Joyce-Bird		125
						1032	LAB	CE4	TuThF	10:15a-1:15p	M-1-115	S Joyce-Bird		125
						1033	LAB	CE4	MWF	10:15a-1:15p	M-1-115	S Joyce-Bird		125
BIOL209	Medical Microbiology Note: please register for both a lecture and a lab section.	PR			4	1034	LEC	CE2	MTuWTh	10:00-11:30a	W-1-031	J Penn	1404	
						1035	LAB	CE2	TuTh	11:45a-2:45p	W-2-0B1	Staff		125
						1036	LAB	CE2	MW	11:45a-2:45p	W-2-0B1	Staff		125
BIOL210	Cell Biology Note: please register for both a lecture and a lab section.	PR			4	140B	LEC	CE2	MTuWTh	10:00-11:30a	M-2-116	Staff	1404	
						1409	LAB	CE2	MW	12:30-3:30p	M-1-321	Staff		75
						1B44	LAB	CE2	TuTh	12:30-3:30p	M-1-321	Staff		75
BIOL212	Cell Biology	PR			3	1410	LEC	CE2	MTuWTh	10:00-11:30a	M-2-116	Staff	1053	
BIOL372	Molecular Biology	PR			3	1037	LEC	CE2	MTuWTh	8:15-9:45a	W-2-200	S Ackerman	1053	
BIOL381	Special Topics: Towards a Cure - Understanding Human Disease through Scientific Literature				3	20B7	LEC	CE6	MW	11:45a-1:00p	W-1-046	D Cook	1053	
BIOL3B1	Special Topics: Simulation in Biology				4	2215	LEC	CE2	MW	10:00a-1:00p	W-2-031	R Jennings	1404	
						2216	LAB	CE2	TuTh	10:00a-1:15p	W-2-031	R Jennings		B1
<b>Business Communication</b>														
BC230	Fundamentals of Business Communication & Critical Analysis				3	1224	LEC	CE8	TuTh	1:30-3:00p	W-1-048	M Giargiani	1053	
BC230	Fundamentals of Business Communication & Critical Analysis				3	1B63	LEC	CEO	Online			A Barber	1053	
BC290	Professional Written Communication & Critical Analysis				3	1223	LEC	CE2	TuTh	10:30a-1:30p	Plymouth	M Cadieux	1053	
BC290	Professional Written Communication & Critical Analysis				3	1309	LEC	CE2	Online			K Hatzis	1053	
BC290	Professional Written Communication & Critical Analysis				3	1449	LEC	CE2	TuTh	6:00-9:00p	W-1-052	M Giargiani	1053	
BC290	Professional Written Communication & Critical Analysis				3	1450	LEC	CE2	MW	1:30-4:30p	W-2-124	J D'Angelo	1053	
BC290	Professional Written Communication & Critical Analysis				3	2163	LEC	CE6	TuTh	10:00a-1:00p	M-2-213	M Giargiani	1053	
BC290	Professional Written Communication & Critical Analysis				3	2164	LEC	CE6	Online			K Spencer	1053	
BC 295	Communication, Negotiation & Conflict Interactions				3	2961	LEC	CE2	TuTh	10:30a-1:30p	Plymouth	J D'Angelo	1053	
<b>Chemistry</b>														
CHEM111L	Environmental Concerns and Chemical Solutions		NS		3	1301	LEC	CEO	Online			M Kipreos	1053	

Catalog #	Title	Pre-Req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Loc	Instructor	Course Fee	Lab Fee
CHEM115	Chemical Principles I <i>Note: A lecture and a discussion are required for CHEM 115. Students enrolling in LEC #1177 must also register for DIS #1179, #1180 or #1181. For students enrolling in LEC #1178, discussion is included in class time.</i>	PR	NS		3	1177	LEC	CE2	MTuWTh	10:00-11:30a	S-1-006	M Satyamurti	1053	
						1178	LEC	CE2	MW	5:30-9:00p	S-2-003A	I Reif	1053	
						1179	DIS	CE2	Tu	11:30a-12:20p	S-2-062	M Satyamurti		
						1180	DIS	CE2	W	11:30a-12:20p	W-1-063	M Satyamurti		
						1181	DIS	CE2	Th	11:30a-12:20p	S-1-006	M Satyamurti		
CHEM116	Chemical Principles II <i>Note: A lecture and a discussion are required for CHEM 116. Students enrolling in LEC #1185 must also register for DIS #1187, #1188 or #1189. For students enrolling in LEC #1186, discussion is included in class time.</i>	PR	NS		3	1185	LEC	CE6	MTuWTh	10:00-11:30a	S-1-006	M Satyamurti	1053	
						1186	LEC	CE6	MW	5:30-9:00p	S-2-003A	I Reif	1053	
						1187	DIS	CE6	Tu	11:30a-12:20p	S-2-064	M Satyamurti		
						1188	DIS	CE6	W	11:30a-12:20p	S-2-064	M Satyamurti		
						1189	DIS	CE6	Th	11:30a-12:20p	W-1-063	M Satyamurti		
CHEM117	Chemical Principles I Laboratory	PR			2	1182	LAB	CE2	MW	12:30-4:30p	S-2-039	J Si	702	150
						1183	LAB	CE2	TuTh	12:30-4:30p	S-2-039	J Harris	702	150
						1184	LAB	CE2	TuTh	6:00-10:00p	S-2-039	G Gilligan	702	150
CHEM118	Chemical Principles II Laboratory	PR			2	1190	LAB	CE6	MW	12:30-4:30p	S-2-039	G Gilligan	702	150
						1191	LAB	CE6	TuTh	12:30-4:30p	S-2-039	J Harris	702	150
						1192	LAB	CE6	TuTh	6:00-10:00p	S-2-039	J Si	702	150
CHEM251	Organic Chemistry I <i>Note: please register for both a lecture and a discussion section.</i>	PR	NS		3	1292	LEC	CE2	MTuWTh	10:00-11:30a	S-2-003A	C Katz	1053	
						1315	DIS	CE2	M	11:30a-12:20p	S-2-003A	C Katz		
						1316	DIS	CE2	Tu	11:30a-12:20p	S-2-003A	C Katz		
						1317	DIS	CE2	Th	11:30a-12:20p	S-2-003A	C Katz		
CHEM252	Organic Chemistry II <i>Note: please register for both a lecture and a discussion section.</i>	PR	NS		3	1295	LEC	CE6	MTuWTh	10:00-11:30a	S-2-003A	C Katz	1053	
						1296	DIS	CE6	M	11:30a-12:20p	S-2-003A	C Katz		
						1297	DIS	CE6	Tu	11:30a-12:20p	S-2-003A	C Katz		
						1298	DIS	CE6	Th	11:30a-12:20p	S-2-003A	C Katz		
CHEM255	Organic Chemistry I Laboratory	PR			2	1293	LAB	CE2	MW	12:30-4:30p	S-2-094	H Cho	702	150
CHEM255	Organic Chemistry I Laboratory	PR			2	1294	LAB	CE2	TuTh	12:30-4:30p	S-2-094	X Huang	702	150
CHEM256	Organic Chemistry II Laboratory	PR			2	1299	LAB	CE6	MW	12:30-4:30p	S-2-094	H Cho	702	150
CHEM256	Organic Chemistry II Laboratory	PR			2	1300	LAB	CE6	TuTh	12:30-4:30p	S-2-094	X Huang	702	150
CHEM481	Advanced Laboratory in Chemistry I <i>CHEM 482 is by arrangement. Please contact the department for more information.</i>	PR			1-4	var.	LAB	CE2		By Arrgt		Staff	var.	150
CHEM482	Advanced Laboratory in Chemistry II <i>CHEM 482 is by arrangement. Please contact the department for more information.</i>	PR			1-4	var.	LA8	CE6		By Arrgt		Staff	var.	150
<b>Chinese</b>														
CHINSE101	Elementary Chinese I		WL		4	1038	LEC	CE2	MTuWTh	10:00-11:30a	W-2-125	Huiying Ma	1404	27
CHINSE102	Elementary Chinese II	PR	WL		4	1039	LEC	CE6	MTuWTh	10:00-11:30a	M-1-616	Huiying Ma	1404	27
<b>Classics</b>														
CLSICS 278	Cities of Vesuvius: Ancient Greeks & Romans on the Bay of Naples	3 credit summer study in Cuma, Italy. Program dates: 7/13-7/24. Please visit summer.umb.edu for details.												
CLSICS230L	Ancient Egypt		WC		3	1648	LEC	CE2	MW	10:00a-1:00p	W-1-019	K 8arnard	1053	
CLSICS281	Greek Civilization		WC		3	1362	LEC	CE2	TuTh	10:00a-1:00p	M-3-430	G Umholtz	1053	
<b>Communication</b>														
COMSTU100	Introduction to Communication		SB		3	1145	LEC	CEO	Online			R Raben	1053	
COMSTU100	Introduction to Communication		SB		3	1308	LEC	CEO	Online			R Raben	1053	
COMSTU100	Introduction to Communication		SB		3	1565	LEC	CEO	Online			L Zhu	1053	
COMSTU105	Oral Communication				3	1040	LEC	CE2	MW	10:00a-1:00p	M-2-208	8 Hendrix	1053	

# Course Matrix - Summer 2014

Catalog #	Title	Pre-Req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Loc	Instructor	Course Fee	Lab Fee
COMSTU105	Oral Communication				3	1041	LEC	CE6	TuTh	10:00a-1:00p	M-2-208	B Hendrix	1053	
COMSTU210	Using Internet Communication				3	1042	LEC	CEO	Online			R Kelley	1053	
COMSTU240	Organizational communication	PR			3	1566	LEC	CE6	TuTh	10:00a-1:00p	W-1-042	G Yilmaz	1053	
COMSTU250	Analyzing Media	PR	SB		3	1456	LEC	CEO	Online			A Shelton	1053	
COMSTU300	Information Technology and Human Communication		SB		3	1196	LEC	CEO	Online			R Raben	1053	
COMSTU320	Social Influence and Compliance Gaining	PR			3	1984	LEC	CEO	Online			K Lachlan	1053	
COMSTU330	Health Communication	PR			3	2141	LEC	CE2	TuTh	10:00a-1:00p	S-2-063	J Quintero Johnson	1053	
COMSTU350	Political communication	PR			3	1985	LEC	CEO	Online			A Shelton	1053	
<b>Criminal Justice</b>														
CRMJUS104L	Introduction to Systems of Criminal Justice				3	1705	LEC	CE2	MW	6:00-9:00p	M-1-428	J Passmore	1053	
CRMJUS104L	Introduction to Systems of Criminal Justice				3	1463	LEC	CE6	MTuWTh	10:00-11:30a	W-1-034	J Passmore	1053	
CRMJUS262L	Criminology	PR	SB		3	1194	LEC	CE2	TuTh	10:00a-1:00p	W-2-107	K Vecitis	1053	
CRMJUS262L	Criminology	PR	SB		3	2151	LEC	CE2	Online			J Lageson	1053	
CRMJUS262L	Criminology	PR	SB		3	2152	LEC	CE6	MTuWTh	10:00-11:30a	W-2-125	K Vecitis	1053	
CRMJUS321L	Racial and Ethnic Relations	PR	SB	U	3	1215	LEC	CE2	TuTh	6:00-9:00p	W-2-200	K Lischinsky	1053	
CRMJUS351L	Methods of Sociological Research	PR			3	1043	LEC	CE6	TuTh	1:30-4:30p	W-1-044	C Feldscher	1053	
CRMJUS351L	Methods of Sociological Research	PR			3	1706	LEC	CE6	MW	6:00-9:00p	M-1-212	J McQuaid	1053	
CRMJUS351L	Methods of Sociological Research	PR			3	2155	LEC	CE2	TuTh	10:00a-1:00p	W-1-064	J McQuaid	1053	
CRMJUS363L	Corrections	PR			3	1707	LEC	CE2	MW	6:00-9:00p	M-3-407	G Walsh	1053	
CRMJUS363L	Corrections	PR			3	1352	LEC	CE6	MW	6:00-9:00p	W-2-198	C Monteiro	1053	
CRMJUS367L	Drugs and Society		SB		3	1466	LEC	CE2	Online			J Lageson	1053	
CRMJUS367L	Drugs and Society		SB		3	2203	LEC	CE6	MW	6:00-9:00p	W-1-044	J White	1053	
CRMJUS386L	The Sociology of Mental Health and Illness				3	2205	LEC	CE6	MW	1:30-4:30p	W-1-019	J White	1053	
CRMJUS461L	Internship in Law and Criminal Justice	PR			6	1376	LEC	CE8	Tu	6:00-9:00p	W-1-045	G Horgan	2106	
CRMJUS465L	The Police in Society	PR			3	1044	LEC	CE2	MTuWTh	10:00-11:30a	W-1-040	J Passmore	1053	
CRMJUS465L	The Police in Society	PR			3	1708	LEC	CE6	TuTh	6:00-9:00p	W-1-044	J Passmore	1053	
CRMJUS467L	The Sociology of Law	PR			3	1045	LEC	CE2	MW	1:30-4:30p	W-1-031	R Tyler	1053	
<b>Dance</b>														
DANCE134	Modern Dance I		AR		3	1393	LEC	CE1	MTuWTh	11:45a-1:45p	M-3-612	J Appolon	1053	
DANCE135	Multicultural Dance		AR		3	1368	LEC	CE6	TuTh	1:30-4:30p	M-3-612	S Montella	1053	
<b>Economics</b>														
ECON101	Introduction to Microeconomics	PR	SB		3	1049	LEC	CE2	TuTh	1:30-4:30p	W-1-061	P Granberry	1053	
ECON101	Introduction to Microeconomics	PR	SB		3	1369	LEC	CE2	TuTh	6:00-9:00p	W-1-031	J Millman	1053	
ECON101	Introduction to Microeconomics	PR	SB		3	1050	LEC	CE6	Online			J Spitz	1053	
ECON101	Introduction to Microeconomics	PR	SB		3	1051	LEC	CE6	MW	1:30-4:30p	W-1-062	B McGonagle	1053	
ECON101	Introduction to Microeconomics	PR	SB		3	1370	LEC	CE6	TuTh	6:00-9:00p	W-1-054	I Wright	1053	
ECON102	Introduction to Macroeconomics	PR	SB		3	1210	LEC	CE2	Online			N Aman	1053	
ECON102	Introduction to Macroeconomics	PR	SB		3	1421	LEC	CE2	TuTh	10:00a-1:00p	W-1-010	S Bernardo	1053	
ECON102	Introduction to Macroeconomics	PR	SB		3	1567	LEC	CE6	MW	6:00-9:00p	M-1-614	S Bernardo	1053	
ECON102	Introduction to Macroeconomics	PR	SB		3	1151	LEC	CE6	TuTh	1:30-4:30p	M-3-407	K Carlson	1053	
ECON201	Microeconomic Theory	PR	SB		3	1052	LEC	CE2	TuTh	1:30-4:30p	W-1-019	J Millman	1053	
ECON202	Macroeconomic Theory	PR	SB		3	1053	LEC	CE6	MW	1:30-4:30p	W-2-198	N Aman	1053	
ECON205	Statistical Methods	PR	MT		3	1054	LEC	CE2	MW	1:30-4:30p	W-1-030	B McGonagle	1053	
ECON335	International Finance	PR	SB		3	1568	LEC	CE2	MW	6:00-9:00p	W-1-019	E Frank	1053	
ECON372	Comparative Economic Systems	PR			3	1150	LEC	CE6	MW	6:00-9:00p	W-1-063	N Aman	1053	

Catalog #	Title	Pre-Req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Loc	Instructor	Course Fee	Lab Fee	
<b>English</b>															
ENGL 379/697	From Bologna to the Blogosphere: The History of Written Correspondence				3								3-6 credit summer study in Bologna, Italy. Program dates: 6/22-7/5. Please visit summer.umb.edu for details.		
ENGL101	Freshman English I	PR			3	1055	LEC	CE2	MW	10:00a-1:00p	W-1-058	J Hess	1053		
ENGL101	Freshman English I - ESL Section	PR			3	1056	LEC	CE2	TuTh	1:30-4:30p	M-2-206	M Martinez Earley	1053		
ENGL101	Freshman English I	PR			3	1388	LEC	CE6	MW	1:30-4:30p	W-1-037	J Piazza	1053		
ENGL101	Freshman English I	PR			3	1679	LEC	CE2	TuTh	10:00a-1:00p	M-2-208	D Budden	1053		
ENGL101	Freshman English I	PR			3	2191	LEC	CE2	MW	6:00-9:00p	W-1-043	J Stevens	1053		
ENGL101	Freshman English I	PR			3	2192	LEC	CE6	TuTh	6:00-9:00p	W-2-124	L Lawrence	1053		
ENGL101	Freshman English I	PR			3	2193	LEC	CE6	MW	10:00a-1:00p	W-1-042	D Messier	1053		
ENGL102	Freshman English II	PR			3	1057	LEC	CE2	TuTh	1:30-4:30p	M-1-608	V Kingsley	1053		
ENGL102	Freshman English II	PR			3	1058	LEC	CE2	TuTh	6:00-9:00p	W-1-061	V Kingsley	1053		
ENGL102	Freshman English II	PR			3	1059	LEC	CE6	MW	6:00-9:00p	M-1-612	J Piazza	1053		
ENGL102	Freshman English II	PR			3	1060	LEC	CE6	TuTh	10:00a-1:00p	M-1-612	R Saunders-Maziarz	1053		
ENGL102	Freshman English II	PR			3	1061	LEC	CE6	TuTh	1:30-4:30p	W-1-061	L Lawrence	1053		
ENGL102	Freshman English II - ESL Section	PR			3	1152	LEC	CE2	TuTh	10:00a-1:00p	M-3-407	M Martinez Earley	1053		
ENGL102	Freshman English II	PR			3	1389	LEC	CE2	MW	1:30-4:30p	W-2-126	J Hess	1053		
ENGL102	Freshman English II	PR			3	2194	LEC	CE2	MW	6:00-9:00p	W-2-124	P Dyson	1053		
ENGL102	Freshman English II	PR			3	2195	LEC	CE6	TuTh	6:00-9:00p	W-2-126	R Saunders-Maziarz	1053		
ENGL200	Understanding Literature	PR	AR		3	1062	LEC	CE2	MW	1:30-4:30p	W-1-020	R Romanow	1053		
ENGL201	Five British Authors	PR	HU		3	1063	LEC	CE6	Online			L Egle	1053		
ENGL212	Creative Writing: Fiction	PR			3	1459	LEC	CE2	TuTh	10:00a-1:00p	W-1-046	J Torra	1053		
ENGL221L	Introduction to Asian-American Writing		HU	U	3	2140	LEC	CE6	MW	10:00a-1:00p	W-2-107	E Yuen	1053		
ENGL262G	The Art of Literature	PR			3	1683	LEC	CE2	MW	10:00a-1:00p	W-1-061	V Kariis	1053		
ENGL276G	The Art of Life Writing	PR			3	1153	LEC	CE6	TuTh	1:30-4:30p	W-1-062	C Center	1053		
ENGL284	Language, Literacy and Community	PR			3	1861	LEC	CE2	Online			C Chandler-Rourke	1053		
ENGL306	Advanced Nonfiction Writing	PR			3	2211	LEC	CE2	MW	1:30-4:30p	W-1-029	M Davis	1053		
ENGL307	Writing for Print and Online Media	PR			3	1327	LEC	CE6	Online			C Hennick	1053		
ENGL320	Memoir and Autobiography	PR			3	2201	LEC	CE6	MW	10:00a-1:00p	W-2-127	A Hasratian	1053		
ENGL328	Stage and Page: Drama, 1900-Today	PR			3	1457	LEC	CE6	MW	1:30-4:30p	W-1-029	N Finn	1053		
ENGL329	Narrative in the Novel and Film	PR		I	3	1390	LEC	CE2	MW	6:00-9:00p	W-1-045	R Romanow	1053		
ENGL337	Short Novel	PR			3	1167	LEC	CE2	TuTh	6:00-9:00p	W-1-046	D Nelson	1053		
ENGL371	The Adolescent in Literature	PR			3	1166	LEC	CE2	TuTh	1:30-4:30p	W-1-042	D Nelson	1053		
ENGL383	William Shakespeare's Later Works	PR			3	2197	LEC	CE2	MW	10:00a-1:00p	W-2-126	S Maisano	1053		
ENGL394	Comparative Reading of Two Authors	PR			3	2198	LEC	CE2	TuTh	10:00a-1:00p	M-2-207	J Medoff	1053		
ENGL402	The Renaissance in England	PR			3	2202	LEC	CE6	TuTh	10:00a-1:00p	S-2-062	M Shaner	1053		
<b>Environmental, Earth and Ocean Science</b>															
EEOS406	GIT Data Collection and Field Methods												Course offered in a combination of study on-campus and Nantucket. Program dates: 8/4-8/23. See summer.umb.edu for details.		
EEOS225	Weather and Climate	PR	NS		3	1048	LEC	CE2	MW	10:00a-1:00p	W-2-198	M Mensoian	1053		
<b>Environmental Studies</b>															
ENVSTY 280	Archaeology: The Spiders of Nantucket Island												Course offered on Nantucket. Program dates: 8/10 - 8/16. See summer.umb.edu for details.		
ENVSTY101	The Nature of Environmental Problems		NS		3	1064	LEC	CEO	Online			N Mohanty	1053		
ENVSTY101	The Nature of Environmental Problems		NS		3	1480	LEC	CE2	TuTh	10:00a-1:00p	W-2-198	E Boyle	1053		
ENVSTY111L	Environmental Concerns and Chemical Solutions		NS		3	1302	LEC	CEO	Online			Staff	1053		

# Course Matrix - Summer 2014

Catalog #	Title	Pre-Req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Loc	Instructor	Course Fee	Lab Fee
<b>Exercise and Health Science</b>														
EHS150	Introduction to Nutrition	PR			3	1251	LEC	CE2	MW	10:00a-1:00p	M-2-214	M Ivanov	1053	
EHS150	Introduction to Nutrition	PR			3	2089	LEC	CE6	TuTh	6:00-9:00p	W-1-046	D Courtney	1053	
EHS160	Fitness & Wellness	PR			3	1569	LEC	CE2	MW	1:30-4:30p	W-1-061	M Ivanov	1053	
EHS240	Prevention and Care of Sport Injuries	PR			3	1570	LEC	CE2	MTuWTh	10:00-11:30a	W-2-200	S Medeiros	1053	
EHS260	Physical Activity & Health	PR			3	1252	LEC	CE2	TuTh	10:00a-1:00p	W-1-019	D Comnesso	1053	
EHS280	Statistics for Health Professionals	PR			3	1253	LEC	CEO	Online			L Milliken	1053	
EHS310	Applied Kinesiology	PR			3	1441	LEC	CE2	TuTh	6:00-9:00p	W-2-125	T Morgan	1053	
EHS340	Health Behavior Change	PR			3	1333	LEC	CE2	MW	10:00a-1:00p	W-1-020	E Jennings	1053	
EHS360	Wellness Coaching Techniques	PR			3	1332	LEC	CE6	MW	10:00a-1:00p	W-1-031	E Jennings	1053	
EHS380	Exercise Physiology I	PR			4	2091	LEC	CE2	TuTh	10:00a-1:00p	S-2-066	A Kim-Jensen	1404	
EHS380	Exercise Physiology I Lab	PR			0	2092	LAB	CE2	TuTh	1:30-3:30p	TBA	A Kim-Jensen		62
EHS460	Research Methods I	PR			3	2090	LEC	CE2	MW	10:00a-1:00p	W-1-062	J Wright	1053	
<b>French</b>														
FRENCH100	Intensive Elementary French		WL		8	1170	LEC	CE2	MTuWTh	6:00-9:00p	M-1-210	J Kitembo	2808	27
FRENCH101	Elementary French I		WL		4	1065	LEC	CE1	MTuWTh	10:00a-12:00p	M-2-205	D Gilbert	1404	27
FRENCH102	Elementary French II	PR	WL		4	1066	LEC	CE4	MTuWTh	10:00a-12:00p	M-2-209	D Gilbert	1404	27
FRENCH201	Intermediate French I		WL		4	1575	LEC	CE1	MTuWTh	10:00a-12:00p	M-2-417	P O'Connell	1404	27
FRENCH202	Intermediate French II		WL		4	1576	LEC	CE4	MTuWTh	10:00a-12:00p	M-2-205	P O'Connell	1404	27
<b>Gerontology</b>														
GERCTR220	Demographics and Economics of Aging			U	3	1547	LEC	CEO	Online			J Griffin	1053	
GERCTR240	Legislative Process and the Elderly				3	1548	LEC	CEO	Online			J Griffin	1053	
GERCTR325	Applied Research in Aging				3	1986	LEC	CEO	Online			R Sherman	1053	
GERCTR355	Community Service with Elders				3	1987	LEC	CEO	Online			R Sherman	1053	
<b>German</b>														
GERMAN101	Elementary German I		WL		4	1923	LEC	CE1	MTuWTh	5:00-7:00p	W-1-030	J Handte	1404	27
GERMAN102	Elementary German II	PR	WL		4	1924	LEC	CE4	MTuWTh	5:00-7:00p	W-1-030	C Schumann	1404	27
<b>History</b>														
HIST 276	This Land is Your Land: Survey of U.S. Environmental History	Course offered on Nantucket. Program dates: 6/2-6/16. See <a href="http://summer.umb.edu">summer.umb.edu</a> for details.												
HIST 478/488	China Today: Culture, History and Society	3-6 credit summer study in Cuma, Italy. Program dates: 6/6-6/22. Please visit <a href="http://summer.umb.edu">summer.umb.edu</a> for details.												
HIST101	Introduction to Historical Thinking and Analysis				3	1442	LEC	CE6	Online			T Hacsí	1053	
HIST211	Foundations of Western Civilization		HU		3	2182	LEC	CE2	Online			M Brink	1053	
HIST211	Foundations of Western Civilization		HU		3	2183	LEC	CE6	MW	1:30-4:30p	W-1-012	M Poole	1053	
HIST212	Modern Western Civilization		HU		3	1067	LEC	CE6	MW	10:00a-1:00p	W-1-061	C Weiss	1053	
HIST212	Modern Western Civilization		HU		3	1371	LEC	CE2	TuTh	6:00-9:00p	W-1-048	Staff	1053	
HIST212	Modern Western Civilization		HU		3	2184	LEC	CE6	Online			M Brink	1053	
HIST213	World History to 1800				3	1444	LEC	CE6	TuTh	10:00a-1:00p	W-2-107	T Johnson	1053	
HIST214	Modern World History		SB	I	3	1068	LEC	CE2	MW	1:30-4:30p	M-3-407	G Miller	1053	
HIST214	Modern World History		SB	I	3	1069	LEC	CE6	TuTh	1:30-4:30p	M-1-608	G Miller	1053	
HIST230L	Ancient Egypt		WC		3	1649	LEC	CE2	MW	10:00a-1:00p	W-1-019	K Barnard	1053	
HIST265	American History before 1877		HU		3	1307	LEC	CE2	MW	6:00-9:00p	W-1-054	Staff	1053	
HIST265	American History before 1877		HU		3	1443	LEC	CE6	Online			L Vox	1053	
HIST266	American History since 1877		HU		3	1197	LEC	CE2	Online			M Duff	1053	
HIST266	American History since 1877		HU		3	2185	LEC	CE6	MW	6:00-9:00p	W-1-012	K Hoskins	1053	
HIST319	History of the Mediterranean	PR			3	1413	LEC	CE6	Online			M Casini	1053	





Catalog #	Title	Pre-Req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Loc	Instructor	Course Fee	Lab Fee
HIST339	Modern Irish History from 1800 to present				3	2185	LEC	CE2	TuTh	1:30-4:30p	W-1-029	G Burke	1053	
HIST351	Histories of Brazil				3	2187	LEC	CE2	Online			B Johnson	1053	
HIST358	War in the Twentieth Century				3	2186	LEC	CE6	TuTh	1:30-4:30p	W-1-012	D Rigby	1053	
HIST433	Mussolini				3	2188	LEC	CE2	Online			S Di Scala	1053	
<b>Honors</b>														
HONORS290	Special Topics: Art of Wandering	PR			3	2038	LEC	CE2	TuTh	1:30-4:30p	W-1-030	E Mena Landry	1053	
HONORS380	Honors Colloquium: The Boston Harbor Island - On the Ground and in the Archives	PR			3	2039	LEC	CE2	TuTh	10:00a-1:00p	W-1-037	J Riley	1053	
<b>Human Service</b>														
HUMCTR 415	Human Service Policy and Practice	PR			3	2096	LEC	CE6	TuTh	6:00-9:00p	W-2-127	E Clemens	1053	
HUMCTR420	Professional Internship Seminar	PR			3	1867	LEC	CE2	TuTh	6:00-9:00p	M-2-213	E Clemens	1053	
HUMCTR425	Case Management	PR			3	2097	LEC	CE8	Th	1:30-4:30p	W-2-124	E Clemens	1053	
<b>Information Technology</b>														
IT111L	Managerial Statistics	PR			3	1817	LEC	CE6	TuTh	1:30-4:30p	W-2-127	S Elahi	1053	
IT441	Network Services Administration	PR			3	2486	LEC	CE2	TuTh	1:30-4:30p	S-3-143	Staff	1123	20
<b>Italian</b>														
ITAL 290	Food and Culture: The Italian Experience	3-6 credit summer study in Siena, Italy. Program dates: 7/6-27. Please visit <a href="http://summer.umb.edu">summer.umb.edu</a> for details.												
ITAL101	Elementary Italian I		WL		4	1070	LEC	CE1	MTuWTh	5:00-7:00p	M-1-417	M Natoli	1404	27
ITAL102	Elementary Italian II	PR	WL		4	1346	LEC	CE4	MTuWTh	5:00-7:00p	M-2-404	M Masterson	1404	27
<b>Japanese</b>														
JAPAN101	Elementary Japanese I		WL		4	1071	LEC	CE1	MTuWTh	5:00-7:00p	W-1-020	H Baba	1404	27
JAPAN101	Elementary Japanese I		WL		4	1483	LEC	CE1	MTuWTh	2:00-4:00p	W-1-012	H Baba	1404	27
JAPAN101	Elementary Japanese I		WL		4	1820	LEC	CE4	MTuWTh	2:00-4:00p	M-1-213	H Baba	1404	27
JAPAN102	Elementary Japanese II	PR	WL		4	1347	LEC	CE4	MTuWTh	5:00-7:00p	S-2-063	H Baba	1404	27
<b>Latin</b>														
LATIN101	Fundamentals of Latin I		WL		3	1207	LEC	CEO	Online			R Colaizzi	1053	
LATIN302	Caesar		WL		3	1460	LEC	CEO	Online			R Colaizzi	1053	
<b>Linguistics</b>														
LING151	Elementary American Sign Language I				3	1804	LEC	CE2	TuTh	6:00-9:00p	W-1-019	D Ioannides	1053	
LING152	Elementary American Sign Language II	PR	WL		3	1806	LEC	CE6	MW	6:00-9:00p	W-2-127	D Ioannides	1053	
LING153	Elementary American Sign Language III		WL		3	1805	LEC	CE2	MW	6:00-9:00p	W-1-029	D Ioannides	1053	
<b>Management</b>														
<i>Please refer to eligibility information on the College of Management website before enrolling in CM courses.</i>														
MGT303	Managing Organizations	PR			3	1303	LEC	CE2	TuTh	1:30-4:30p	W-1-062	E Elstein	1053	
MGT303	Managing Organizations	PR			3	1277	LEC	CE6	MW	10:00a-1:00p	W-2-158	R Winsor	1053	
MGT330	Business Environments and Public Policy	PR			3	1326	LEC	CE2	TuTh	1:30-4:30p	W-1-044	R Anzenberger	1053	
MGT330	Business Environments and Public Policy	PR			3	1278	LEC	CE2	TuTh	6:00-9:00p	W-1-047	C Jones	1053	
MGT330	Business Environments and Public Policy	PR			3	1279	LEC	CE6	TuTh	6:00-9:00p	M-3-617	A Barber	1053	
MGT331	Managerial Ethics and Social Issues	PR			3	1280	LEC	CE2	TuTh	6:00-9:00p	W-1-010	A Barber	1053	
MGT331	Managerial Ethics and Social Issues	PR			3	1411	LEC	CE2	Online			R Vining	1053	
MGT331	Managerial Ethics and Social Issues	PR			3	1281	LEC	CE6	MW	6:00-9:00p	W-1-009	M Doto	1053	
MGT331	Managerial Ethics and Social Issues	PR			3	1282	LEC	CE6	Online			R Vining	1053	
MGT421	Management Practices	PR			3	1304	LEC	CE2	TuTh	1:30-4:30p	M-3-430	K Archard	1053	
MGT434	Managing Global Environment	PR			3	1283	LEC	CE2	MW	6:00-9:00p	W-1-064	J Evereteze	1053	
MGT480	Management Internship	PR			3	<i>By permission only. Please contact the department for more information.</i>								
MGT490	Strategic Management	PR			3	1414	LEC	CE2	MW	1:30-4:30p	W-1-064	R Powers	1053	

## Course Matrix · Summer 2014

Catalog #	Title	Pre-Req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Loc	Instructor	Course Fee	Lab Fee
MGT490	Strategic Management	PR			3	1284	LEC	CE2	TuTh	6:00-9:00p	W-1-058	R Winsor	1053	
MGT490	Strategic Management	PR			3	1285	LEC	CE6	TuTh	10:00a-1:00p	W-1-009	R Anzenberger	1053	
MGT490	Strategic Management	PR			3	1306	LEC	CE6	MW	6:00-9:00p	M-1-608	R Powers	1053	
<b>Management Science and Information Systems</b>														
<i>Please refer to eligibility information on the College of Management website before enrolling in CM courses.</i>														
MSIS105	Introduction to Information Systems				3	1367	LEC	CEO	Online			V Chiachio	1053	
MSIS110	Introduction to Computers and Information Systems				3	1160	LEC	CEO	Online			J Frankel	1053	
MSIS111L	Managerial Statistics				3	1257	LEC	CE6	TuTh	1:30-4:30p	W-2-127	E Elahi	1053	
MSIS123	Introduction to Information Security				3	1472	LEC	CEO	Online			G Kelley	1053	
MSIS212	Managerial Decision Making	PR			3	1161	LEC	CE2	TuTh	10:00a-1:00p	S-2-065	N Velez	1053	
MSIS212	Managerial Decision Making	PR			3	1162	LEC	CEO	Online			M Stone	1053	
MSIS223	Systems Security				3	2169	LEC	CEO	Online			G Kelley	1053	
MSIS301	Operations Management	PR			3	1158	LEC	CE2	MW	1:30-4:30p	W-1-019	D Golmohammadi	1053	
MSIS301	Operations Management	PR			3	1159	LEC	CE2	MW	6:00-9:00p	W-1-034	P Vaccaro	1053	
MSIS301	Operations Management	PR			3	1676	LEC	CE6	TuTh	1:30-4:30p	W-2-107	M Miller	1053	
MSIS454L	Supply Chain Management	PR			3	1677	LEC	CE6	TuTh	6:00-9:00p	M-1-417	S Elahi	1053	
MSIS480	Management Science and Information Systems Internship	PR			3	1093						<i>By permission only. Please contact the department for more information.</i>		
<b>Marketing</b>														
<i>Please refer to eligibility information on the College of Management website before enrolling in CM courses.</i>														
MKT301	Principles of Marketing	PR			3	1286	LEC	CE2	TuTh	10:00a-1:00p	W-1-061	R Anzenberger	1053	
MKT301	Principles of Marketing	PR			3	1287	LEC	CE6	MW	1:30-4:30p	M-1-608	R Powers	1053	
MKT310	Data Analysis for Marketing Management	PR			3	2167	LEC	CE6	TuTh	10:00a-1:00p	M-3-407	R Liu	1053	
MKT404	Retailing in the Internet Age	PR			3	1288	LEC	CE6	TuTh	1:30-4:30p	W-1-064	R Anzenberger	1053	
MKT480	Marketing Internship	PR			3							<i>By permission only. Please contact the department for more information.</i>		
<b>Mathematics - Academic Skills</b>														
<i>Please refer to the Academic Support pages on umb.edu for information about Mathematics-Academic Skills courses.</i>														
MATHSK097	Pre-Algebra Mathematics	PR			3	1090	LEC	CE2	MTuWTh	8:15-9:45a	H-UL-029	M Pawlak	1053	
MATHSK097	Pre-Algebra Mathematics	PR			3	1311	LEC	CE6	MTuWTh	10:00-11:30a	H-UL-029	M Fuguet	1053	
MATHSK098	Fundamentals of Algebra	PR			3	1091	LEC	CE2	MTuWTh	8:15-9:45a	H-UL-029	M Pawlak	1053	
MATHSK098	Fundamentals of Algebra	PR			3	1312	LEC	CE6	MTuWTh	10:00-11:30a	H-UL-029	M Fuguet	1053	
MATHSK099	Intermediate Algebra	PR			3	1092	LEC	CE2	MTuWTh	8:15-9:45a	H-UL-029	M Pawlak	1053	
MATHSK099	Intermediate Algebra	PR			3	1313	LEC	CE6	MTuWTh	10:00-11:30a	H-UL-029	M Fuguet	1053	
<b>Mathematics</b>														
MATH114QR	Quantitative Reasoning	PR			3	1218	LEC	CE6	MTuWTh	11:45a-1:15p	H-UL-029	M Fuguet	1053	
MATH115	College Algebra	PR			3	1072	LEC	CE2	MTuWTh	8:15-9:45a	M-2-205	S Boorstein	1053	
MATH115	College Algebra	PR			3	1073	LEC	CE6	MTuWTh	8:15-9:45a	M-2-206	A Leisinger	1053	
MATH125	Introductory Statistics	PR	MT		3	1074	LEC	CE2	MTuWTh	10:00-11:30a	W-2-124	S Boorstein	1053	
MATH125	Introductory Statistics	PR	MT		3	1075	LEC	CE2	Online			J Chen	1053	
MATH125	Introductory Statistics	PR	MT		3	1076	LEC	CE6	MTuWTh	10:00-11:30a	W-2-198	Z Djordjevic	1053	
MATH125	Introductory Statistics	PR	MT		3	1835	LEC	CE2	Online			J Chen	1053	
MATH129	Pre-Calculus for Management and Social Science Students	PR	MT		3	1155	LEC	CE2	MTuWTh	8:15-9:45a	W-2-198	Z Djordjevic	1053	
MATH129	Pre-Calculus for Management and Social Science Students	PR	MT		3	1354	LEC	CE6	MTuWTh	8:15-9:45a	W-1-064	Z Djordjevic	1053	
MATH130	Precalculus	PR	MT		3	1078	LEC	CE2	MTuWTh	10:00-11:45a	W-1-057	J Ball	1053	


Catalog #	Title	Pre-Req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Loc	Instructor	Course Fee	Lab Fee
MATH130	Precalculus	PR	MT		3	1079	LEC	CE6	MTuWTh	10:00-11:45a	S-2-063	A Leisinger	1053	
MATH134	Managerial Calculus	PR	MT		3	1082	LEC	CE2	MTuWTh	10:00-11:30a	W-1-004	Staff	1053	
MATH134	Managerial Calculus	PR	MT		3	1083	LEC	CE6	MTuWTh	10:00-11:30a	W-1-047	Staff	1053	
MATH140	Calculus I	PR	MT		4	1084	LEC	CE2	MTuWTh	10:00-11:45a	W-1-009	A Noel	1404	
MATH140	Calculus I	PR	MT		4	1085	LEC	CE6	MTuWTh	10:00-11:45a	M-2-207	S Cai	1404	
MATH140	Calculus I	PR	MT		4	1356	LEC	CE2	MTuWTh	5:45-7:30p	W-1-053	S Cai	1404	
MATH140	Calculus I	PR	MT		4	1445	LEC	CE6	MTuWTh	5:45-7:30p	M-1-210	A Noel	1404	
MATH141	Calculus II	PR	MT		4	1088	LEC	CE6	MTuWTh	5:45-7:30p	M-1-619	A Noel	1404	
MATH141	Calculus II	PR	MT		4	1236	LEC	CE2	MTuWTh	8:00-9:45a	M-2-214	J Greenough	1404	
MATH141	Calculus II	PR	MT		4	1446	LEC	CE2	MTuWTh	7:45-9:30p	M-1-201	S Cai	1404	
MATH141	Calculus II	PR	MT		4	2088	LEC	CE6	MTuWTh	8:00-9:45a	W-2-124	J Greenough	1404	
MATH240	Multivariable Calculus	PR			3	1471	LEC	CE6	MTuWTh	10:00-11:45a	W-2-200	C Zara	1053	
MATH242	Multivariable and Vector Calculus	PR			4	1418	LEC	CE6	MTuWTh	10:00-11:45a	W-2-200	C Zara	1404	
MATH260	Linear Algebra I	PR			3	1089	LEC	CE6	MTuWTh	8:15-9:45a	W-2-200	C Zara	1053	
MATH310	Applied Ordinary Differential Equations	PR			3	1407	LEC	CE2	MTuWTh	8:15-9:45a	W-1-019	A Noel	1053	
MATH320L	Applied Discrete Mathematics	PR			3	1385	LEC	CE3	MTuTh	7:45-9:15p	W-1-041	Staff	1053	20
MATH345	Probability and Statistics I	PR			3	1318	LEC	CE2	MTuWTh	10:00-11:30a	W-1-063	G Schay	1053	
<b>Music</b>														
MUSIC111	An Introduction to Music		AR		3	1094	LEC	CE2	MW	1:30-4:30p	M-2-423	J Mitchell	1053	
MUSIC111	An Introduction to Music		AR		3	1095	LEC	CE6	MW	6:00-9:00p	M-2-423	D Patterson	1053	
MUSIC115	World Music		AR	I	3	1165	LEC	CE6	MW	1:30-4:30p	M-2-423	F Stubbs	1053	
MUSIC185C	Applied Music: Clarinet (hour)	PR			1	2174	LEC	CE2	<i>Students must contact the Music Department to register for lessons. Prerequisite: Department permission required.</i>			E Badea	486	
MUSIC185I	Applied Music: Voice (hour)	PR			1	2178	LEC	CE2				D Giessow	486	
MUSIC185I	Applied Music: Voice (half-hour)	PR			1	2179	LEC	CE6				D Giessow	486	
MUSIC185O	Applied Music: Oboe (hour)	PR			1	2180	LEC	CE2				E Badea	486	
MUSIC185O	Applied Music: Oboe (half-hour)	PR			1	2181	LEC	CE6				E Badea	486	
MUSIC185S	Applied Music: Accordion (hour)	PR			1	2175	LEC	CE2				E Badea	486	
MUSIC185S	Applied Music: Accordion (hour)	PR			1	2176	LEC	CE6				E Badea	486	
MUSIC185U	Applied Music: Harp (hour)	PR			1	2177	LEC	CE2			C Kim	486		
MUSIC241	American Music		AR	U	3	1323	LEC	CE6	TuTh	10:00a-1:00p	M-2-423	D Pruett	1053	
MUSIC248	Universe of Music		AR	I	3	1096	LEC	CEO	Online			D Patterson	1053	
MUSIC258	American Music in Wartime		AR		3	1163	LEC	CE2	Online			J Mitchell	1053	
MUSIC268	Music of Latin America		AR	I	3	1245	LEC	CEO	Online			P Janson	1053	
<b>Nursing</b>														
NURSG212	Health Promotion and Teaching	PR			3	2099	LEC	CE6	TuTh	10:00a-1:00p	W-1-046	A Wald	1053	
NURSG230	Life Span Growth and Development	PR			3	2000	LEC	CEO	Online			E Seibold	1053	
NURSG314	Pharmacology	PR			3	2001	LEC	CEO	Online			B Rowlands	1053	
NURSG350	Introduction to Professional Nursing - Accelerated Track Option				3	2002	LEC	CE2	Online			D Kappa	1053	
NURSG456	Leadership and Professional Practice Accelerated Option	PR			3	2003	LEC	CEO	Online			E Seibold	1053	
NURSG462	Legal, Ethical and Health Policy and Capstone for RNs  * Note: Please register for both a lecture and a discussion.	PR			6	2004	LEC	CEO	Online			S Butler	2106	
						2005	DIS	CEO	Tu	8:45-10:45a	LMS CHAT	S Butler	-	
						2006	DIS	CEO	Tu	7:00-9:00p	LMS CHAT	Staff	-	
						2007	DIS	CEO	M	7:00-9:00p	LMS CHAT	Staff	-	
						2008	DIS	CEO	W	7:00-9:00p	LMS CHAT	Staff	-	

## Course Matrix - Summer 2014

Catalog #	Title	Pre-Req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Loc	Instructor	Course Fee	Lab Fee
<b>Philosophy</b>														
PHIL100	Introduction to Philosophy		HU		3	1211	LEC	CE2	MW	1:30-4:30p	W-1-044	M Gunning	1053	
PHIL100	Introduction to Philosophy		HU		3	1097	LEC	CE6	MW	1:30-4:30p	W-1-020	J Cooper-Wiele	1053	
PHIL100	Introduction to Philosophy		HU		3	1943	LEC	CE6	MW	6:00-9:00p	W-1-029	J Cooper-Wiele	1053	
PHIL108	Moral and Social Problems		HU	U	3	1098	LEC	CE2	TuTh	1:30-4:30p	W-1-060	R Fanon-Villano	1053	
PHIL108	Moral and Social Problems		HU	U	3	1099	LEC	CE2	TuTh	6:00-9:00p	W-1-029	M Gunning	1053	
PHIL108	Moral and Social Problems		HU	U	3	1212	LEC	CE6	TuTh	1:30-4:30p	W-2-198	J Bayne	1053	
PHIL108	Moral and Social Problems		HU	U	3	1350	LEC	CE6	TuTh	6:00-9:00p	M-2-209	A Perez-Carrasco	1053	
PHIL120	Introduction to Logic		MT		3	1583	LEC	CE2	TuTh	10:00a-1:00p	M-2-213	R Fanon-Villano	1053	
PHIL120	Introduction to Logic		MT		3	1100	LEC	CE6	TuTh	1:30-4:30p	W-1-042	L Kaye	1053	
PHIL 207G	The Meaning of Life				3	2403	LEC	CE2	MW	6:00-9:00p	W-1-058	D Fleshe	1053	
PHIL220	Environmental Ethics		HU		3	1944	LEC	CE2	TuTh	10:00a-1:00p	M-3-415	L Rivera	1053	
PHIL222	Moral Issues in Medicine		HU		3	1584	LEC	CE2	MW	1:30-4:30p	M-1-210	D Flesche	1053	
PHIL222	Moral Issues in Medicine		HU		3	1171	LEC	CE6	TuTh	6:00-9:00p	W-1-010	J Bayne	1053	
PHIL380	Social & Political Philosophy	PR	HU		3	1481	LEC	CE2	TuTh	1:30-4:30p	W-2-107	V Urbanek	1053	
<b>Physics</b>														
PHYSIC107	College Physics I  Note: Please register for both a lecture and a discussion section.	PR	NS		3	1101	LEC	CE2	MTuWTh	8:15-9:45a	S-1-006	I Reif	1053	
						1102	LEC	CE2	MTuWTh	5:30-7:00p	W-1-041	A Awobede	1053	
						1925	DIS	CE2	MW	10:00-10:50a	W-1-046	I Reif	-	
						1926	DIS	CE2	TuTh	10:00-10:50a	S-2-062	I Reif	-	
						1928	DIS	CE2	MTh	7:10-8:00p	W-1-020	A Awobede	-	
						1929	DIS	CE2	MTh	8:00-8:50p	W-1-020	A Awobede	-	
PHYSIC108	College Physics II  Note: Please register for both a lecture and a discussion section.	PR	NS		3	1103	LEC	CE6	MTuWTh	8:15-9:45a	S-1-006	I Reif	1053	
						1104	LEC	CE6	MTuWTh	5:30-7:00p	W-1-064	A Kumar	1053	
						1930	DIS	CE6	MW	10:00-10:50a	W-1-010	I Reif	-	
						1931	DIS	CE6	TuTh	10:00-10:50a	M-2-206	I Reif	-	
						1933	DIS	CE6	MTh	7:10-8:00p	S-2-065	A Kumar	-	
						1934	DIS	CE6	MTh	8:00-8:50p	W-1-019	A Kumar	-	
PHYSIC113	Fundamentals of Physics I  Note: Please register for both a lecture and a discussion section. Students enrolling in the morning lecture (#1105) should register for discussion #1935 or #1936. Those enrolling in the evening lecture (#1106) should register for discussion #1937.		NS		4	1105	LEC	CE2	MTuWTh	8:15-9:45a	S-3-126	T Materdey	1404	
						1106	LEC	CE2	MTuWTh	5:30-7:00p	M-2-206	N Sonwalkar	1404	
						1935	DIS	CE2	MTuWTh	10:00-10:50a	S-3-126	T Materdey	-	
						1936	DIS	CE2	MTuWTh	11:00-11:50a	S-3-126	T Materdey	-	
						1937	DIS	CE2	MTh	7:10-8:50p	W-2-158	N Sonwalkar	-	
PHYSIC114	Fundamentals of Physics II  Note: Please register for both a lecture and a discussion section. Students enrolling in the morning lecture (#1107) should register for discussion #1938 or #1939. Those enrolling in the evening lecture (#1108) should register for discussion #1940.	PR	NS		4	1107	LEC	CE6	MTuWTh	8:15-9:45a	S-3-126	T Materdey	1404	
						1108	LEC	CE6	MTuWTh	5:30-7:00p	S-2-065	N Sonwalkar	1404	
						1938	DIS	CE6	MTuWTh	10:00-10:50a	S-3-126	T Materdey	-	
						1939	DIS	CE6	MTuWTh	11:00-11:50a	S-3-126	T Materdey	-	
						1940	DIS	CE6	MTh	7:10-8:50p	W-2-200	N Sonwalkar	-	
PHYSIC181	Physics Laboratory I				2	1424	LAB	CE2	TuTh	12:00-2:30p	S-3-029	S Arnason	702	75
						1425	LAB	CE2	MW	12:00-2:30p	S-3-029	S Arnason	702	75
						1426	LAB	CE2	TuW	7:10-9:40p	S-3-029	S Arnason	702	75
						1427	LAB	CE2	TuW	7:10-9:40p	S-3-017	S Arnason	702	75
						1428	LAB	CE2	TuTh	12:00-2:30p	S-3-017	S Arnason	702	75

Catalog #	Title	Pre-Req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Loc	Instructor	Course Fee	Lab Fee
PHYSIC182	Physics Laboratory II				2	1429	LAB	CE6	TuTh	12:00-2:30p	S-3-029	G Sun	702	75
						1430	LAB	CE6	MW	12:00-2:30p	S-3-029	G Sun	702	75
						1431	LAB	CE6	TuTh	12:00-2:30p	S-3-017	G Sun	702	75
						1432	LAB	CE6	TuW	7:10-9:40p	S-3-029	G Sun	702	75
						1433	LAB	CE6	TuW	7:10-9:40p	S-3-017	G Sun	702	75
<b>Political Science</b>														
POLSCI102	Government and Politics of the United States		SB		3	1109	LEC	CE2	TuTh	1:30-4:30p	W-1-046	U Tafe	1053	
POLSCI220	International Relations (B)			I	3	1205	LEC	CEO	Online			R Weiner	1053	
POLSCI220	International Relations (B)			I	3	1437	LEC	CE6	MW	6:00-9:00p	W-1-052	R Peters	1053	
POLSCI220	International Relations (B)			I	3	1585	LEC	CE2	MW	6:00-9:00p	M-2-616	R Peters	1053	
POLSCI307	Political Change and Group Identity (C)				3	1172	LEC	CE2	TuTh	6:00-9:00p	W-1-040	R Peters	1053	
POLSCI325	Public Administration (A)				3	2093	LEC	CE2	MW	1:30-4:30p	W-1-045	C Coscia	1053	
POLSCI375	Third World Development (C)			I	3	1156	LEC	CE2	MW	10:00a-1:00p	W-1-010	H Shahdadi	1053	
POLSCI410	Politics of International Economics				3	1173	LEC	CEO	Online			H Shahdadi	1053	
POLSCI420	Imperialism (B)				3	1234	LEC	CE6	TuTh	1:30-4:30p	W-2-126	H Shahdadi	1053	
POLSCI421	War (B)				3	1206	LEC	CEO	Online			R Weiner	1053	
POLSCI422	Nationalism (C)				3	2955	LEC	CE2	TuTh	10:00a-1:00p	M-1-616	P Kowert	1053	
POLSCI424	American Foreign Policy (B)				3	1351	LEC	CEO	Online			H Shahdadi	1053	
POLSCI430	Russian Foreign Policy				3	1438	LEC	CE6	TuTh	6:00-9:00p	W-1-012	R Peters	1053	
<b>Psychology</b>														
PSYCH100	Introductory Psychology		SB		3	1113	LEC	CE2	TuTh	10:00a-1:00p	W-1-047	C Cohen	1053	
PSYCH100	Introductory Psychology		SB		3	1114	LEC	CE2	MW	1:30-4:30p	W-1-062	T Dunne	1053	
PSYCH100	Introductory Psychology		SB		3	1115	LEC	CE6	MW	6:00-9:00p	M-1-417	A Shirai	1053	
PSYCH100	Introductory Psychology		SB		3	1116	LEC	CE6	TuTh	1:30-4:30p	W-1-046	M Wu	1053	
PSYCH100	Introductory Psychology		SB		3	1117	LEC	CE6	MW	10:00a-1:00p	W-1-057	L Woodard	1053	
PSYCH201	Introduction to Behavioral Research	PR			3	1118	LEC	CE2	TuTh	10:00a-1:00p	W-1-060	S Millman	1053	
PSYCH201	Introduction to Behavioral Research	PR			3	1119	LEC	CE6	TuTh	6:00-9:00p	W-1-009	M Krengel	1053	
PSYCH238L	Asian American Psychology		SB	U	3	2139	LEC	CE6	TuTh	10:00a-1:00p	W-1-010	J Tawa	1053	
PSYCH270	Statistics	PR	MT		3	1122	LEC	CE2	TuTh	6:00-9:00p	M-2-116	G Buchanan	1053	27
PSYCH270	Statistics	PR	MT		3	1123	LEC	CE6	MW	1:30-4:30p	M-2-116	G Buchanan	1053	27
PSYCH300	Personality	PR			3	1400	LEC	CE2	MW	1:30-4:30p	W-2-127	S Sorenson	1053	
PSYCH301	Psychological Testing	PR			3	2210	LEC	CE6	MW	1:30-4:30p	W-1-042	S Morse	1053	
PSYCH315	Abnormal Psychology	PR			3	1222	LEC	CE6	MW	10:00a-1:00p	W-1-019	L Rollins	1053	
PSYCH315	Abnormal Psychology	PR			3	2119	LEC	CE2	TuTh	6:00-9:00p	W-1-062	V Choate	1053	
PSYCH330	Social Psychology	PR			3	1120	LEC	CE2	TuTh	10:00a-1:00p	W-1-062	A Bell	1053	
PSYCH330	Social Psychology	PR			3	1335	LEC	CEO	Online			M Patterson	1053	
PSYCH335	Social Attitudes and Public Opinion	PR			3	1336	LEC	CEO	Online			M Patterson	1053	
PSYCH337	Communication and Society				3	2120	LEC	CEO	Online			M Patterson	1053	
PSYCH341	Infancy and Childhood Development	PR			3	1121	LEC	CE6	TuTh	1:30-4:30p	W-1-037	M Vaughan	1053	
PSYCH341	Infancy and Childhood Development	PR			3	1209	LEC	CE2	MW	6:00-9:00p	M-1-619	R Daniele	1053	
PSYCH342	Adolescence	PR			3	1338	LEC	CE6	MW	1:30-4:30p	M-2-213	S Kanchewa	1053	
PSYCH350	Learning and Memory	PR			3	1248	LEC	CE2	MW	10:00a-1:00p	M-3-430	T Dunne	1053	
PSYCH355	Perception	PR			3	1401	LEC	CE6	TuTh	1:30-4:30p	W-1-060	M Ramamurthy	1053	
PSYCH360	Behavioral Neuroscience	PR			3	1157	LEC	CE2	TuTh	1:30-4:30p	W-1-064	G Buchanan	1053	
PSYCH360	Behavioral Neuroscience	PR			3	1169	LEC	CE6	MW	6:00-9:00p	M-3-617	G Buchanan	1053	

## Course Matrix - Summer 2014

Catalog #	Title	Pre-Req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Loc	Instructor	Course Fee	Lab Fee
PSYCH415	Psychological Trauma: Individual and Society	PR			3	1249	LEC	CE2	MW	6:00-9:00p	M-3-617	L Woodard	1053	
PSYCH430	Internship in Psychology	PR			6	1342	LEC	CE8	Tu	10:00a-1:00p	W-2-126	K Kogan	1053	
PSYCH441	The Family and the Child: A Psychological View	PR			3	1329	LEC	CE6	TuTh	10:00a-1:00p	S-2-066	M Vaughan	1053	
PSYCH462	Psychopharmacology	PR			3	1250	LEC	CE2	TuTh	1:30-4:30p	W-2-126	C Cohen	1053	
<b>Sociology</b>														
 SOCIOL 321L/478 Caribbean Studies Summer Institute: Caribbean Society and Culture in Comparative Perspective			6-9 credit international study program in Puerto Rico & the Virgin Islands. Program dates: 6/9-7/5. Visit summer.umb.edu.											
SOCIOL101	Introduction to Sociology		SB		3	1128	LEC	CE2	TuTh	1:30-4:30p	M-1-208	K Lischinsky	1053	
SOCIOL101	Introduction to Sociology		SB		3	1129	LEC	CE2	MW	6:00-9:00p	W-1-009	R Kefayati	1053	
SOCIOL101	Introduction to Sociology		SB		3	1130	LEC	CE6	MW	1:30-4:30p	W-1-034	B Michels	1053	
SOCIOL101	Introduction to Sociology		SB		3	1462	LEC	CE2	Online			J Lageson	1053	
SOCIOL101	Introduction to Sociology		SB		3	1710	LEC	CE6	TuTh	10:00a-1:00p	M-2-214	C Feldscher	1053	
SOCIOL101	Introduction to Sociology		SB		3	2157	LEC	CE6	TuTh	6:00-9:00p	W-1-029	J McQuaid	1053	
SOCIOL104L	Introduction to Systems of Criminal Justice				3	1470	LEC	CE6	MTuWTh	10:00-11:30a	W-1-034	J Passmore	1053	
SOCIOL104L	Introduction to Systems of Criminal Justice				3	1711	LEC	CE2	MW	6:00-9:00p	M-1-428	J Passmore	1053	
SOCIOL160	Social Problems	PR	SB		3	1372	LEC	CE2	MW	1:30-4:30p	W-1-046	R Kefayati	1053	
SOCIOL201	Youth & Society	PR			3	2161	LEC	CE6	TuTh	10:00a-1:00p	W-1-005	A Beckwith	1053	
SOCIOL223L	Asians in the United States		HU	U	3	2138	LEC	CE6	TuTh	1:30-4:30p	W-1-019	S Lam	1053	
SOCIOL225L	Southeast Asians in the United States		SB	U	3	1321	LEC	CE2	MW	10:00a-1:00p	W-1-034	M Yang	1053	
SOCIOL228L	Asian Women in the United States		SB	U	3	2135	LEC	CE2	TuTh	10:00a-1:00p	M-3-617	E Yuen	1053	
SOCIOL232	The Sociology of Work	PR			3	2162	LEC	CE6	TuTh	1:30-4:30p	W-1-064	A Beckwith	1053	
SOCIOL261	Social Deviance and Control	PR			3	1713	LEC	CE2	TuTh	1:30-4:30p	W-1-037	M Gregory	1053	
SOCIOL261	Social Deviance and Control	PR			3	1373	LEC	CE6	TuTh	1:30-4:30p	S-2-062	M Gregory	1053	
SOCIOL262L	Criminology	PR	SB		3	1195	LEC	CE2	TuTh	10:00a-1:00p	W-2-107	K Vectis	1053	
SOCIOL262L	Criminology	PR	SB		3	2153	LEC	CE2	Online			J Lageson	1053	
SOCIOL262L	Criminology	PR	SB		3	2154	LEC	CE6	MTuWTh	10:00-11:30a	W-1-020	K Vectis	1053	
SOCIOL300	The Sociology of Media and Mass Communication	PR			3	1717	LEC	CE2	MW	10:00a-1:00p	W-1-045	C Feldscher	1053	
SOCIOL300	The Sociology of Media and Mass Communication	PR			3	2158	LEC	CE6	TuTh	6:00-9:00p	W-2-125	M Gregory	1053	
SOCIOL316	Family Violence	PR			3	2208	LEC	CE2	MW	10:00a-1:00p	W-1-060	K Lischinsky	1053	
SOCIOL321L	Racial and Ethnic Relations	PR	SB	U	3	1216	LEC	CE2	TuTh	6:00-9:00p	W-2-200	K Lischinsky	1053	
SOCIOL331	The Sociology of Social Movements	PR			3	2159	LEC	CE2	TuTh	6:00-9:00p	W-2-126	M Gregory	1053	
SOCIOL331	The Sociology of Social Movements	PR			3	2160	LEC	CE6	MW	10:00a-1:00p	W-1-009	M Gregory	1053	
SOCIOL341	Elements of Sociological Theory	PR			3	1214	LEC	CE6	TuTh	10:00a-1:00p	W-1-019	J Capetillo	1053	
SOCIOL341	Elements of Sociological Theory	PR			3	1464	LEC	CE2	MW	1:30-4:30p	M-1-212	J McQuaid	1053	
SOCIOL351L	Methods of Sociological Research	PR			3	1125	LEC	CE6	TuTh	1:30-4:30p	W-1-044	C Feldscher	1053	
SOCIOL351L	Methods of Sociological Research	PR			3	1714	LEC	CE6	MW	6:00-9:00p	M-1-212	J McQuaid	1053	
SOCIOL351L	Methods of Sociological Research	PR			3	2156	LEC	CE2	TuTh	10:00a-1:00p	W-1-064	J McQuaid	1053	
SOCIOL362	Juvenile Delinquency	PR			3	1467	LEC	CE6	MW	1:30-4:30p	M-2-207	C Monteiro	1053	
SOCIOL362	Juvenile Delinquency	PR			3	2207	LEC	CE2	TuTh	6:00-9:00p	W-1-064	J White	1053	
SOCIOL363L	Corrections	PR			3	1716	LEC	CE2	MW	6:00-9:00p	M-3-407	G Walsh	1053	
SOCIOL363L	Corrections	PR			3	1353	LEC	CE6	MW	6:00-9:00p	W-2-198	C Monteiro	1053	
SOCIOL367L	Drugs and Society	PR	SB		3	1193	LEC	CE2	Online			J Lageson	1053	
SOCIOL367L	Drugs and Society	PR	SB		3	2204	LEC	CE6	MW	6:00-9:00p	W-1-044	J White	1053	

Catalog #	Title	Pre-Req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Loc	Instructor	Course Fee	Lab Fee
SOCIOL382	The Sociology of Gender	PR	SB	U	3	1331	LEC	CE2	Online			J Struzziery	1053	
SOCIOL386L	The Sociology of Mental Health and Illness	PR			3	2206	LEC	CE6	MW	1:30-4:30p	W-1-019	J White	1053	
SOCIOL461L	Internship in Law and Criminal Justice	PR			6	1377	LEC	CE8	Tu	6:00-9:00p	W-1-045	G Horgan	2106	
SOCIOL465L	The Police in Society	PR			3	1126	LEC	CE2	MTuWTh	10:00-11:30a	W-1-040	J Passmore	1053	
SOCIOL465L	The Police in Society	PR			3	1709	LEC	CE6	TuTh	6:00-9:00p	W-1-044	J Passmore	1053	
SOCIOL467L	The Sociology of Law	PR			3	1127	LEC	CE2	MW	1:30-4:30p	W-1-031	R Tyler	1053	
<b>Spanish</b>														
SPAN101	Elementary Spanish I	PR	WL		4	1131	LEC	CE2	MTuWTh	10:00-11:30a	M-2-206	M Schafer	1404	27
SPAN101	Elementary Spanish I	PR	WL		4	1132	LEC	CE2	TuWTh	6:00-8:00p	M-1-614	D Alvarez	1404	27
SPAN101	Elementary Spanish I	PR	WL		4	1133	LEC	CE1	MTuWTh	2:00-4:00p	M-1-201	I Manso	1404	27
SPAN101	Elementary Spanish I	PR	WL		4	1134	LEC	CE0	Online			P Chouinard	1404	
SPAN101	Elementary Spanish I	PR	WL		4	1174	LEC	CE0	Online			P Chouinard	1404	
SPAN101	Elementary Spanish I	PR	WL		4	1237	LEC	CE6	TuWTh	6:00-8:00p	M-2-206	Staff	1404	27
SPAN102	Elementary Spanish II	PR	WL		4	1135	LEC	CE6	MTuWTh	10:00-11:30a	W-2-124	L Quinones-Oramas	1404	27
SPAN102	Elementary Spanish II	PR	WL		4	1136	LEC	CE6	TuWTh	6:00-8:00p	M-1-428	L Quinones-Oramas	1404	27
SPAN102	Elementary Spanish II	PR	WL		4	1137	LEC	CE0	Online			M Berte	1404	
SPAN102	Elementary Spanish II	PR	WL		4	1138	LEC	CE0	Online			M Berte	1404	
SPAN102	Elementary Spanish II	PR	WL		4	1238	LEC	CE2	TuWTh	6:00-8:00p	M-2-419	C Chittkusol	1404	27
SPAN102	Elementary Spanish II	PR	WL		4	1593	LEC	CE4	MTuWTh	2:00-4:00p	W-1-043	C Chittkusol	1404	27
SPAN201	Intermediate Spanish I	PR	WL		3	1139	LEC	CE1	MTuWTh	6:00-8:00p	M-1-212	I Manso	1053	27
SPAN202	Intermediate Spanish II	PR	WL		3	1140	LEC	CE4	MTuWTh	6:00-8:00p	M-3-204	C Chittkusol	1053	
<b>Supply Chain Management</b>														
SCSM454L	Supply Chain Management	PR			3	1816	LEC	CE6	TuTh	6:00-9:00p	M-1-417	S Elahi	1053	
<b>Theatre Arts</b>														
THRART100	Introduction to Theatre		AR		3	1339	LEC	CE2	Online			C Quinn	1053	
THRART236	Introduction to Acting I		AR		3	1360	LEC	CE2	TuTh	10:00a-1:00p	M-2-008	M Caffrey	1053	
<b>Women's Studies</b>														
WOST100	Women and Society		SB	U	3	1589	LEC	CE2	TuTh	10:00a-1:00p	H-LL-3507	L Benson	1053	
WOST110	Gender in Global Context		SB	I	3	1916	LEC	CE2	Online			A El Jack	1053	
WOST110	Gender in Global Context		SB	I	3	1918	LEC	CE6	MTuWTh	10:00-11:30a	W-1-062	M Islam	1053	
WOST150	Women, Culture and Identity		HU		3	1435	LEC	CE2	MW	1:30-4:30p	W-1-060	C Maley	1053	
WOST150	Women, Culture and Identity		HU		3	1590	LEC	CE6	Online			N Ali	1053	
WOST210G	Gendered Bodies	PR			3	1590	LEC	CE2	MW	10:00a-1:00p	W-1-042	C Maley	1053	
WOST220	Women and the Media		HU		3	1485	LEC	CE6	TuTh	6:00-9:00p	W-1-031	K Lindsey	1053	
WOST260	Women's Health Care				3	1141	LEC	CE6	Online			M Cordill	1053	
WOST300L	Women in African Cultures			I	3	1919	LEC	CE2	Online			A El Jack	1053	
WOST300L	Women in African Cultures			I	3	1920	LEC	CE6	TuTh	10:00a-1:00p	W-1-057	C Ejueyitchie	1053	

# Course Matrix - Summer 2014

Catalog #	Title	Pre-Req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Loc	Instructor	Course Fee	Lab Fee
<b>GRADUATE COURSES</b>														
<b>American Studies</b>														
AMST 697	American Studies Summer Institute - Defining "Public" and "Private" in America: Cultural, Social and Political Arguments Past and Present				3									
Institute offered at John F. Kennedy Library and Museum. Program dates: 7/7-7/18. See summer.umb.edu for details.														
<b>Applied Linguistics</b>														
APLING615	Methods and Materials in Bilingual Education	PR			3	198B	LEC	CE1		Online		P Gounan	1470	
APLING665	Interdisciplinary Curriculum Development: Contemporary Perspectives on Immigration				3	198g	LEC	CE6		Online		A Cahill-Poza	1470	
APLING673	Teaching Reading in the Bilingual/ESL Classroom	PR			3	1990	LEC	CE0		Online		L Bartolome	1470	
<b>Biochemistry</b>														
BIOCHM583	Biochemistry I	PR			3	1405	LEC	CE6	MW	1:30-4:30p	W-2-158	M Sugumaran	1470	
<b>Biology</b>														
BIOL572	Molecular Biology (Lecture only)	PR			3	1404	LEC	CE2	MTuWTh	8:15-9:45a	W-2-200	S Ackerman	1470	
<b>Business Administration (MBA): Accounting and Finance</b>														
MBAAF601	Economics for Managers	PR			3	1269	LEC	CE2	MW	6:00-9:00p	W-2-127	A Rehman	1470	
MBAAF603	Massachusetts In the Global Economy	PR			3	1399	LEC	CE2	TuTh	6:00-9:00p	W-1-034	E Cook	1470	
MBAAF610	Accounting for Managers	PR			3	1270	LEC	CE2	TuTh	1:30-4:30p	W-1-020	Y Shin	1470	
MBAAF611	Intermediate Accounting	PR			3	1406	LEC	CE2	TuTh	6:00-9:00p	W-1-044	Y Shin	1470	
MBAAF620	Financial Management	PR			3	1271	LEC	CE6	MW	6:00-9:00p	W-1-060	M Konan	1470	
MBAAF621	Adv Corporate Financ	PR			3	1365	LEC	CE2	TuTh	6:00-9:00p	W-2-127	J Grant	1470	
MBAAF623	Financial Modeling	PR			3	1272	LEC	CE6	MW	6:00-9:00p	W-1-053	Z Rzakanov	1470	
MBAAF626	International Financial Management	PR			3	1477	LEC	CE6	TuTh	1:30-4:30p	W-1-009	A Rehman	1470	
<b>Business Administration (MBA): Analysis and Communications</b>														
MBAACM6B4	Written Communication for Managers				3	144B	LEC	CE2		Online		K Hatzis	1470	
<b>Business Administration (MBA): Management</b>														
MBAMGT653	Organizational Diagnosis and Change	PR			3	1325	LEC	CE2	MW	6:00-9:00p	M-1-617	A Bowes	1470	
MBAMGT660	Business and Its Environment	PR			3	1273	LEC	CE2	TuTh	6:00-9:00p	W-1-009	J Evereteze	1470	
MBAMGT660	Business and Its Environment	PR			3	1310	LEC	CE6	MW	6:00-9:00p	W-1-046	T Jones	1470	
MBAMGT689	Strategic Management				3	1274	LEC	CE2	TuTh	6:00-9:00p	M-3-430	D Wudyka	1470	
MBAMGT689	Strategic Management				3	1275	LEC	CE6	TuTh	6:00-9:00p	M-3-407	J Evereteze	1470	
MBAMGT69B	Practicum	PR			3	By permission only. Please contact the department for more information.								
<b>Business Administration (MBA): Management Science</b>														
MBAMS600	Mathematical Analysis for Managers				3	2166	LEC	CE6	MW	6:00-9:00p	W-1-062	P Cleary	1470	
MBAMS630	Statistical Analysis for Managers				3	1259	LEC	CE2	MW	6:00-9:00p	W-1-046	S Elahi	1470	
MBAMS635	Operations Mgt	PR			3	125B	LEC	CE2	MW	6:00-9:00p	W-1-060	M Miller	1470	
MBAMS640	Computer & Information Systems				3	1260	LEC	CE2	TuTh	6:00-9:00p	W-1-054	N Velez	1470	
<b>Business Administration (MBA): Marketing</b>														
MBAMKT 6B0/696	Entrepreneurship in the US & China				3-6 credit summer study in 3 cities in China. Program dates: 6/6-6/22. Please visit summer.umb.edu for details.									
MBAMKT670	Marketing Management	PR			3	1675	LEC	CE2	MW	6:00-9:00p	M-2-214	B Manning	1470	
MBAMKT672	Services Marketing	PR			3	2165	LEC	CE2	MW	6:00-9:00p	W-1-062	R Powers	1470	
MBAMKT677	Database & Internet Marketing	PR			3	1244	LEC	CE2		Online		R Vining	1470	
<b>Counseling</b>														
COUNSL601	Research and Evaluation in Psychology	PR			3	2040	LEC	CE0		Online		Staff	1470	
COUNSL614	Counseling Theory and Practice I				3	212B	LEC	CE2	TuTh	6:00-9:00p	W-2-124	V Anderson	1470	



Catalog #	Title	Pre-Req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Loc	Instructor	Course Fee	Lab Fee
COUNSL617	Child and Adolescent Counseling	PR			3	2047	LEC	CEO	Online			L Rubin	1470	
COUNSL617	Child and Adolescent Counseling	PR			3	2122	LEC	CE2	MW	6:00-9:00p	W-1-048	N McConnico	1470	
COUNSL632	Collaborative Consultation in Schools	PR			3	2050	LEC	CEO	Online			A Cook	1470	
COUNSL635	Behavioral Counseling	PR			3	2051	LEC	CEO	Online			L Hayden	1470	
COUNSL653	Cultural Diversity in Counseling	PR			3	2052	LEC	CEO	Online			A Cook	1470	
COUNSL664	Child Abuse, Neglect & Trauma	PR			3	2053	LEC	CEO	Online			S Lamb	1470	

**Critical and Creative Thinking**

CRCRTH Summer Institute		Institute offered on campus and online. Program dates: July 14-Aug 2. See summer.umb.edu for details.												
CRCRTH611	Seminar in Critical Thinking Theme: Critical Thinking in Business				3	1556	LEC	CE6	Online			R Schoenberg	1470	
CRCRTH611	Seminar in Critical Thinking Theme: Design for Complexities of Life				3	2060	LEC	CE5	Online			P Taylor	1470	
CRCRTH611	Seminar in Critical Thinking Theme: Design for Complexities of Life				3	2073	LEC	CE5	MTuWTh	4:00-7:00p	W-1-048	P Taylor	1470	
CRCRTH612	Seminar in Creativity Theme: Inside the Creative Process: Exploring Blocks and Finding Creative Ground				3	1557	LEC	CE2	Online			S Clark	1470	
CRCRTH612	Seminar in Creativity Theme: Creative Thinking at Work				3	2061	LEC	CE5	Online			J Szeiter	1470	
CRCRTH612	Seminar in Creativity				3	2074	LEC	CE5	MTuWTh	7:00-10:00p	W-1-043	J Szeiter	1470	
CRCRTH618	Creative Thinking, Collaboration, and Organizational Change				3	1559	LEC	CE8	Online			P Taylor, M Darlington-Hope	1470	
CRCRTH618	Creative Thinking, Collaboration, and Organizational Change				3	2075	LEC	CE8	FSa	9:00a-4:15p	W-1-042	P Taylor, M Darlington-Hope	1470	
CRCRTH619	Biomedical Ethics				3	1558	LEC	CE6	Online			M Robinson	1470	
CRCRTH627	Issues and Controversies in Antiracist and Multicultural Education				3	1489	LEC	CE2	Online			P Mosely	1470	

**Education**

EDCG621	Teaching Writing in the K-12 Classroom	PR			3	2213	LEC	CE2	TuTh	6:00-9:00p	W-1-006	P Golden	1470	
EDCG648	New Literacies and Emerging Technologies across the Content Areas				3	2217	LEC	CEO	Online			J Kellinger	1470	

**English**

ENGL602	Studies in Fiction	PR			3	2199	LEC	CE2	TuTh	6:00-9:00p	W-6-047	C Nixon	1470	
ENGL610	The Teaching of Composition	PR			3	2200	LEC	CE6	TuTh	6:00-9:00p	W-6-047	C Center	1470	
ENGL623	The Nature of Narrative	PR			3	1682	LEC	CE6	MW	6:00-9:00p	W-6-047	L Egle	1470	
ENGL683	Literary Sites and Spaces				3	2212	LEC	CE8	M-Sa	10:00a-5:00p	W-1-040	C Nixon	1470	

**Gerontology**

GERONGR611	Health and Physical Changes in Aging				3	1993	LEC	CE2	Online			E Birchander	1470	
GERONGR621	Social Aspects Aging				3	1994	LEC	CEO	Online			R Dwyer	1470	
GERONGR628	Psychology of Aging				3	1995	LEC	CE2	Online			H Connors	1470	
GERONGR645	Marketing of Aging Services				3	1996	LEC	CEO	Online			R Dwyer	1470	
GERONGR650	Service Delivery Issues in Aging				3	1997	LEC	CEO	Online			J Hyde	1470	
GERONGR660	Organization and Financing of Aging Services				3	1998	LEC	CEO	Online			L Richardson	1470	
GERONGR692	Capstone Project Seminar in Management of Aging Services				3	1999	LEC	CEO	Online			E Lake	1470	

**Global Reconstruction Studies**

CRSCAD501	Social Vulnerability to Disasters				3	1991	LEC	CEO	Online			Staff	1470	
CRSCAD522	Migrants and Refugees				3	1546	LEC	CE6	Online			P Kretsedemas	1470	

## Course Matrix - Summer 2014

Catalog #	Title	Pre-Req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Loc	Instructor	Course Fee	Lab Fee
<b>History</b>														
HIST600	Research Seminar: World War I	PR			3	1573	LEC	CE2	Online			S Di Scala	1470	
HIST662	Immigration and Ethnicity				3	2190	LEC	CE2	Online			V Cannato	1470	
HIST692	Teaching the Advanced Placement History Course				3	2209	LEC	CE6	Online			J Chu	1470	
<b>Instructional Design</b>														
INSDSG601	Introduction to Instructional Design				3	2062	LEC	CEO	Online			L Poklop	1470	
INSDSG603	Selection and Evaluation of Instructional Materials	PR			3	2064	LEC	CEO	Online			S McAuliffe & M Simon	1470	
INSDSG610	Video Principles for Instructional Design	PR			3	2066	LEC	CE6	Online			F Keefe	1470	
INSDSG612	Instructional Strategies and the Adult Learner	PR			3	1942	LEC	CE2	TuTh	6:00-9:00p	H-LL-0019	J Powers	1470	
INSDSG618	Assessment in the Instructional Design Process	PR			3	2067	LEC	CEO	Online			S Schatz	1470	
INSDSG650	Assessment of Educational Technologies	PR			3	2068	LEC	CEO	Online			S Schatz	1470	
INSDSG653	Theory, Design, and Practice of Online Synchronous Learning				3	2069	LEC	CEO	Online			F Keefe	1470	
INSDSG696	Independent Study				3	2070	LEC	CEO	Online			J Erdman	var.	
INSDSG698	Internship				3	2071	LEC	CEO	Online			S Schatz	1470	
<b>Latin</b>														
Conventiculum Bostoniense: Latin by the Sea			<i>A Latin-only intensive in Salem, MA. Program dates: 7/26-8/3. For more information, see summer.umb.edu</i>											
LATIN602	Caesar				3	1461	LEC	CEO	Online			R Colaizzi	1470	
<b>Management Science and Information Systems</b>														
MSIS614	Business Data Communications & Computer Networks	PR			3	1366	LEC	CE6	MW	6:00-9:00p	S-2-062	J Kuilboer	1470	
MSIS627	Business Computer Forensics and Incident Response				3	2170	LEC	CE6	TuTh	6:00-9:00p	W-1-053	J Kim	1470	
MSIS631	Operational Risk Management				3	2171	LEC	CE2	TuTh	6:00-9:00p	W-2-198	S Elahi	1470	
MSIS636	Healthcare Operations Management				3	1739	LEC	CE6	TuTh	6:00-9:00p	M-1-212	D Golmohammadi	1470	
<b>Mathematics</b>														
MATH545	Probability & Statistics I for Secondary Teachers				3	1319	LEC	CE2	MTuWTh	10:00-11:30a	W-1-063	G Schay	1470	
<b>Nursing</b>														
NURSN607	Evidenced Based Teaching Practices	PR			3	2009	LEC	CEO	Online			J Mulready-Shick	1470	
NURSN614	Advanced Pathophysiology	PR			3	2010	LEC	CEO	Online			H Lee	1470	
NURSN614	Advanced Pathophysiology	PR			3	2011	LEC	CEO	Online			H Lee	1470	
NURSN614	Advanced Pathophysiology	PR			3	2012	LEC	CEO	Online			T Buttaro	1470	
NURSN615	Advanced Health Assessment	PR			3	2013	LEC	CEO	Online			P Brooks	1470	83
NURSN615	Advanced Health Assessment	PR			3	2014	LEC	CE1	Online			E LaFour	1470	83
NURSN618	Health Policy, Finance, Ethics	PR			3	2015	LEC	CEO	Online			B Rowlands	1470	
NURSN634	Advanced Pharmacology	PR			3	2016	LEC	CEO	Online			T Buttaro	1470	
NURSN634	Advanced Pharmacology	PR			3	2017	LEC	CEO	Online			P Brooks	1470	
NURSN634	Advanced Pharmacology	PR			3	2018	LEC	CEO	Online			K Fabiszewski	1470	
NURSN637	Mental and Psychosocial Health of the Urban Family	PR			3	2019	LEC	CEO	Online			M Plasse	1470	
NURSN637	Mental and Psychosocial Health of the Urban Family	PR			3	2020	LEC	CEO	Online			M Plasse	1470	
NURSN637	Mental and Psychosocial Health of the Urban Family	PR			3	2021	LEC	CEO	Online			M Plasse	1470	
NURSN639	Primary Care of Adults	PR			3	2022	LEC	CEO	Online			R Cowper	1470	
NURSN671	Primary Care of Older Adults	PR			3	2023	LEC	CEO	Online			T Buttaro	1470	

Catalog #	Title	Pre-Req	Dist	Div	Cr	Class #	Type	Session	Days	Times	Loc	Instructor	Course Fee	Lab Fee
NURSNG672	Primary Care of the Adult/Older Adult Practicum III	PR			6	2024	LEC	CEO	Online			K Fabiszewski	2940	83
NURSNG680	Primary Care of the Family Practicum II	PR			6	2025	LEC	CEO	Online			K Ouzts	2940	83
NURSNG680	Primary Care of the Family Practicum II	PR			6	2026	LEC	CEO	Online			K Ouzts	2940	83
NURSNG681	Primary Care of the Childbearing Family	PR			3	2027	LEC	CEO	Online			R Cowper	1470	
NURSNG682	Primary Care of the Family Practicum III and Capstone	PR			6	2028	LEC	CEO	Online			P Halon	2940	83
NURSNG682	Primary Care of the Family Practicum III and Capstone	PR			6	2029	LEC	CEO	Online			P Halon	2940	83
NURSNG760	Introduction to Biostatistics: Biostatistics I	PR			3	2030	LEC	CEO	Online			L Shi	1470	
NURSNG796	Independent Study	PR			var.	2031	LEC	CEO	Online			M McAllister	var.	
NURSNG796	Independent Study	PR			var.	2032	LEC	CEO	Online			A Smith	var.	
<b>Spanish</b>														
SPAN503	Perspectives on the Spanish-Speaking Worlds				3	2095	LEC	CE2	Online			P Anderson	1470	
<b>Special Education</b>														
SPEG684	Computers in Special Education	PR			3	1802	LEC	CEO	Online			T Jeffs	1470	
<b>NON-CREDIT COURSES &amp; PROGRAMS</b>														
<b>English as a Second Language</b>														
ESL-NC 002	University Preparation													<i>For more information, please visit <a href="http://caps.umb.edu/esl/">caps.umb.edu/esl/</a></i>
<b>Graduate Test Preparation</b>														
TESTPREP 001	Review for the Graduate Record Examination (GRE)													<i>For more information, please visit <a href="http://caps.umb.edu/testprep/">caps.umb.edu/testprep/</a></i>
TESTPREP 002	Review for the Graduate Management Admission Test (GMAT)													
TESTPREP 003	Review for the Law School Admission Test (LSAT)													
<b>Haitian Creole Summer Language Institute</b>														
* See page 82 for course details.														
LANGINST 002	Haitian Creole I (Beginner)				NC	1273			June 16-July 3	MTuWThFr	5:00-8:00p	M-2-205	Team Taught	700
LANGINST 003	Haitian Creole II (Intermediate)				NC	1275			June 16-July 3	MTuWThFr	5:00-8:00p	M-2-207	Team Taught	700
LANGINST 004	Haitian Creole III (Advanced)				NC	1276			June 16-July 3	MTuWThFr	5:00-8:00p	M-2-208	Team Taught	700
LANGINST 005	Techniques of Haitian Creole Translation				NC	1277			June 16-July 3	MTuWThFr	5:00-8:00p	M-2-209	Team Taught	700
<b>Performance Management</b>														
PRFTRN 093	Performance Management for Government and Non-Profits * See page 93 for details				CEUs	TBA	LEC	CEO	Online - July 20-Aug 31			E Bury	700	
<b>Project Management</b>														
PROJMG 002	Practical Project Management * See page 93 for details				CEUs	1295	LEC		May 19-Aug 18	M	6:30-9:30p	MTV	K Pochampally	1015
PROJMG 005	PMP® Certification Training * See page 93 for details				CEUs	1671	LEC		May 21-Aug 18	W	6:30-9:30p	MTV	K Pochampally	1015

# Undergraduate Courses

If you have questions about your eligibility to enroll in summer courses, College of Advancing and Professional Studies programs, or about distribution and diversity requirements, turn to the Academic Information section of this bulletin, or for further assistance call 617.287.7900.

## Updated Distribution/Diversity Requirement Codes


Use the following chart to match codes in the course descriptions to full distribution name:


### Distribution Area:

AR	Arts
HU	Humanities
MT	Mathematics
NS	Natural Sciences
SB	Social and Behavioral Sciences
WC	World Cultures
WL	World Languages


### Diversity Area:

U	United States
I	International

 = Course available online

 = Award-winning

 = International Program

 = Green Themed

## Accounting and Finance

### Personal Finance

 **AF201**

Introduces students to planning and managing personal and family finances. Topics include insurance and estate planning, relationships with banks, issues in home ownership and real estate, the fundamentals of investing in stocks and bonds, tax planning, leasing as compared with buying automobiles, and financing college education. This course cannot be counted toward the finance or accounting concentration in the College of Management.

3 credits

### Financial Accounting

**AF210**

Presents the theory and techniques of financial accounting. The course encompasses the basic functions of collecting, processing, and reporting accounting information for interested third parties (e.g. owners, investors, and government) and enables students to analyze, interpret, and use accounting information effectively.

3 credits

Prerequisite: A minimum of 30 credits. MGT students only.

### Managerial Accounting

**AF211**

Presents the theory and technique of managerial accounting, from the particular perspective of the manager. The course covers the identification and analysis of the behavior of costs within the organization, and illustrates how managers use such knowledge for planning and control. Major topics include responsibility accounting, comprehensive and cash budgeting, standard job order and process cost systems, cost-volume-profit analysis, cost allocation, activity-based costing, standard costs, and variance analysis.

3 credits

Prerequisite: AF 210 and a minimum of 30 credits MGT majors only.

**Introduction to Financial Management****AF301**

Introduces financial management (both short term and long term), specifically what an organization invests in, and how the necessary funds are best raised; the course also acquaints students with various kinds of securities and the operation of financial markets and institutions. Specific topics include ratio analysis, working capital management, financial markets and institutions, the time value of money and capital budgeting, the cost of capital, financial leverage and capital structure, and dividend policy.

3 credits

Prerequisite: AF 211 and a minimum of 60 credit. MGT majors only.  
Prerequisite (or Corequisite): MATH 134, 135, 140, 141, 145 or 146

**Intermediate Accounting I****AF310**

This is the initial course in the intermediate accounting sequence, to be followed by AF 311. This course provides knowledge of financial accounting theory, with particular emphasis on the application of theory and on the practical problems arising from the limitations of traditional financial statements. It also provides in-depth analysis of the application of generally accepted accounting principles to asset and current liability items. In addition, students learn to research business problems through the use of the Internet; and discuss ethical issues faced by managers.

3 credits

Prerequisite: AF 211 and a minimum of 60 credits. MGT students only.  
Prerequisite (or Corequisite): MATH 134, 135, 140, 141, 145 or 146.

**Business Law****AF330**

Examines the body of law involved in the formation, operation, and termination of business organizations; in contracts; in debtor-creditor relations; in uniform commercial code (sales, commercial paper, secured transactions); in property, estate, and trust; in government regulations; and in issues of CPA liability. Course content encompasses the topics to be found on the CPA law examination. 3 credits

Prerequisite: AF 211. MGT majors only. Prerequisite (or Corequisite): MATH 134, 135, 140, 141, 145 or 146 and a minimum of 60 credits.

**Federal Taxation I****AF450**

Studies the law and procedures of the federal income taxation of individual taxpayers. The course presents the income tax concepts of gross income recognition, deductions, tax credits, and the effects of property transactions.

3 credits

Prerequisite: AF 211 and a minimum of 60 credits. MGT majors only.

**Financial Auditing****AF470**

Encompasses both the theory and the technique of financial auditing. The course examines the professional role of the auditor, along with its operational, ethical, and legal implications. Areas typically covered include professional auditing standards, the auditors' report, specialized reporting issues, auditors' legal responsibilities, gathering and evaluating evidence, the internal control structure audit sampling, and the Code of Professional Conduct. Discussions consider issues of judgment typically faced by auditors in practice.

3 credits

Prerequisite: AF 311 and a minimum of 60 credits. MGT majors only.

**Accounting Internship****AF480**

Provides students with opportunities for full- or part-time work experience in an accounting or finance setting. On-site supervisors and faculty sponsors provide guidance and supervision for each intern.

3 credits

Prerequisite: Department permission required.

**Financial Policy****AF495**

Utilizes the case study method to apply theoretical concepts and techniques learned in previous courses to the analysis of real situations and practical problems in financial management and policy. Some cases will have a strong international focus. This course is intended as a "capstone" course to be taken after all other concentration courses. It provides an opportunity for reviewing, integrating, and putting into practice the skills acquired in previous courses.

3 credits

Prerequisite: AF 325 and 335, and a minimum of 60 credits. MGT majors only.

**Advancing and Professional Studies****Introduction to Biomimicry****CAPS111**

This course is an introduction to the field of biomimicry. "Biomimicry" (from Bios, meaning life, and mimesis, meaning to imitate) is a new discipline that studies nature's best ideas and then imitates these designs and processes to solve human problems. Biomimicry asks the question: What would nature do? The goal is to create sustainable products, processes, and policies by learning from and "listening to" nature, to the wisdom held in biological and ecological systems that has been evolving and accumulating over the past 3.8 billion years. Natural systems and organisms provide stunning examples of effective communication, resource production and storage, and energy-efficient design. Animals, plants and microbes are consummate engineers; they have found what works, what is appropriate, and most importantly, what is sustainable. Biomimicry might help create a solar cell that is inspired by a leaf with chloroplast and chlorophyll, a passive cooling system for buildings inspired by a termite mound, or find new strategies for restoring degraded ecosystems. People are nature too. Human cultures with long term residency in particular ecosystems hold crucial knowledge for living sustainably in place.

3 credits Dist NS

## Africana Studies



### INTERNATIONAL PROGRAMS

#### Haiti Today: People, Culture and Politics

[caps.umb.edu/international/](http://caps.umb.edu/international/)

### SUMMER INSTITUTE

#### Haitian Creole Language and Culture Summer Institute

[caps.umb.edu/summerinstitute/](http://caps.umb.edu/summerinstitute/)

### Introduction to Africana Studies

AFRSTY 101

This course presents an overview of the major theories in the field of Africana studies. It seeks to explore the Africana experience in a way that is orderly, systematic, and structurally integrated; and to convey an understanding of the cultural, historical, and political roots of this experience. The course focuses chronologically on major historical episodes through a study of ancient African civilizations, slavery, colonialism, and African liberation movements.

3 credits Dist WC Div I

### African-American History I

AFRSTY110

An intensive study of the social, economic, and political history of African-Americans from the slavery period through the Civil War, with particular emphasis on the social and cultural antecedents of African-Americans, Abolitionism and the Civil War.

3 credits Dist HU

### African-American History II

AFRSTY111

An intensive study of the social, economic, and political history of African-Americans from the era of Reconstruction to the present. Topics include the African-American during Reconstruction, racism in America, and a critical examination of the variegated patterns of African-American response to American social conditions in the late nineteenth and twentieth centuries.

3 credits Dist HU Div U

### African Images in Literature

AFRSTY150

This course examines the different ways in which African writers have represented the continent of Africa by focusing on their struggle to develop authentic forms and images. Through the reading of selected folk tales, novels, and poems from different African societies, participants consider such issues as the influence of colonialism on creative writing; the politics of African culture; race and class; the images and status of women.

3 credits Div I

### The Roots of the African-American Family

AFRSTY201

An exploration of the social, economic, and religious issues affecting the African-American family.

3 credits

### Women in African Cultures

AFRSTY300L

This course challenges stereotypical constructions of Africa and African woman in mainstream media by considering internal and external historical relationships that have shaped and redefined the cultures, ideas, institutions, politics, and social relations of several specific groups of African women. Through a multi-disciplinary approach, the course addresses issues and challenges of contemporary Africa, and explores many of the themes and concerns that have run throughout Africas gendered, complex, and changing history. Popular culture sources, as well as scholarly studies and activist writing, will be employed to help illuminate the lived experiences and perspectives of contemporary women living in various African societies.

3 credits Div I

### Modern Caribbean Society

AFRSTY310

This course undertakes a phenomenological and interpretive analysis of the organization and social structure of modern Caribbean societies. After a brief examination of the colonization and slavery period, it concentrates on the contemporary era with a special focus on key factors that have shaped the cultural parameters and the internal dynamics of the social systems of these Creolophone, Francophone, Anglophone Hispanophone and Dutch-speaking Caribbean societies. Special attention is therefore given to the salient racial, ethnic, social, political, economic and cultural issues that have significantly influenced and contributed to present day Caribbean societies.

3 credits Div I

## American Studies

### Popular Culture in America

AMST 101

This course introduces students to the varieties of popular culture in America, including popular literature, live entertainment, radio, movies, and television. In-depth case studies of such particular forms of popular culture as humor and music are included. In class viewing and listening accompany case studies.

3 credits Dist HU

### The Thirties

AMST 203

A study of American society and culture during the years from the Panic of 1929 to the attack on Pearl Harbor in December, 1941 using several kinds of evidence: the accounts of people who lived during the decade, the interpretations of historians, and the representations of artists, writers, and filmmakers. The objective of the course is to develop an idea of the main characteristics of American society and culture during the 1930s, a conception of the decade's significance, and an increased understanding of the processes of historical and cultural analysis and interpretation.

3 credits Dist HU

Prerequisite: ENGL 102.

### The Forties

AMST 204

A study of the history and culture of the 1940s. The course focuses on the social, political, and scientific effects of World War II, rather than on the conduct of the war itself.

3 credits Dist HU

Prerequisite: ENGL 102.

**The Sixties****AMST 206**

The course focuses on protest and the role of youth. Who protested and why? Was the phenomenon of the sixties an aberration or part of a larger radical tradition in America? What was the impact on the seventies? Readings are drawn from the works of participants in the student, black, feminist and peace protest movements, from the intellectuals who defended and attacked them, and from the growing body of retrospective, analytic, and historical literature which attempts to explain what really happened in that tumultuous decade.

3 credits Dist HU Div U

Prerequisite: ENGL 102.

**The US in the Eighties****AMST 212G**

This course examines the politics and experiences of President Reagan's "morning in America," including family life, work, and organized labor; changes in the pattern of wealth and poverty; the enlargement of the role of the media in culture and politics; and US interventions in Central America and elsewhere. The course may be counted toward the American studies major or minor. Capabilities addressed: Critical reading, critical thinking, clear writing, academic self assessment, collaborative learning, information technology.

3 credits

Prerequisite: ENGL 102, and a minimum of 30 credits. Degree students only. Students may not take more than one 200G (Intermediate Seminar) course.

**America on Film** **AMST 215**

This course focuses on the flowering of American cinema through decades of social, political, and cultural change. It examines both classic representations of "The American Experience" and films which challenge such classic representations. The relations between film and other arts, and between film, history, and ideology, are an ongoing concern.

3 credits

Prerequisite: ENGL 102.

**Asians in the United States****AMST 223L**

This multidisciplinary course examines the social, historical, and structural contexts defining the Asian American experience from 1850 to the present. Topics include immigration, labor, community settlement, ethnicity, stereotypes, and race relations.

3 credits Dist HU Div U

Prerequisite: ENGL 102.

**Southeast Asians in the United States****AMST 225L**

This course examines issues arising from the resettlement of one million Vietnamese, Cambodian, and Laotian refugees in the US since 1975. Topics include resettlement policies, adjustment and acculturation, changing roles of women and family, and the continuing impact of international politics. Media presentations and lectures by local Southeast Asian community leaders highlight the course.

3 credits Dist SB Div U

Prerequisite: ENGL 102.

**Asian Women in the United States****AMST 228L**

Drawing on women's voices in literature, sociocultural research, and historical analysis, this course examines the experience of Asian women in the United States from 1850 to the present. Topics include the transformation of Asian women's traditional roles as part of the acculturation process; exclusion; changing roles within the Asian American family; resistance to oppression as defined by race, gender, class; and the continuing impact of international politics.

3 credits Dist SB Div U

Prerequisite: ENGL 102.

**Television in American Life****AMST 310**

The American experience with television and its cultural, political, and economic implications. Topics include technological innovation, entrepreneurship, the changing cultural content of "prime-time" programming, and public broadcasting cable system capabilities.

3 credits

Prerequisite: A minimum of 30 credits or Permission of Instructor

**Anthropology****INTERNATIONAL PROGRAMS****Caribbean Studies Summer Institute****Field School in Prehistoric Archaeology in Belize**[caps.umb.edu/international/](http://caps.umb.edu/international/)**FIELD STUDY****Field School in Archaeology: Hassanamesit Woods****Field School in Archaeology: "Plymouth 400"**[caps.umb.edu/fieldstudy/](http://caps.umb.edu/fieldstudy/)**Introduction to Biological Anthropology** **ANTH 105**

The study of human biological evolution and human population variation. This course introduces the history, theory, and methods of research in biological anthropology through lectures and hands-on exercises. Major topics include: geological time, classification, and the place of humans in the animal world; evidence for primate and human evolution; evolutionary theory and genetics; and discussion of the evolutionary forces involved in producing human population variation. This course addresses, in assignments and during class time, the following general education capabilities: critical thinking; using technology to further learning; quantitative reasoning; collaborative work; and effective communication. Students who have taken ANTH 102 may not receive credit for ANTH 105.

3 credits Dist NS

**Introduction to Cultural Anthropology****ANTH 106**

An introduction to the anthropological study of cultures, based on ethnographic descriptions and analyses of tribal, developing, and modern state societies. The course explores a variety of concepts and approaches to the study of culture, and participants acquire experience in critical reading, critical thinking, and analytic writing. Students who have taken ANTH 103 may not receive credit for ANTH 106.

3 credits Dist SB

**Human Origins** **ANTH 211**

An introduction to the study of man's biological origins with emphasis on the fossil record, primate analogues of human behavior, and the variety and diversity of modern man including the adaptive significance of this variability.

3 credits Dist NS

Prerequisite: ANTH 102 or 105.

**Indigenous Peoples and Cultural Change in Amazonia****ANTH 220G**

This course focuses on indigenous peoples of South America's Amazon region, and persistence and change in their cultures and histories, from 1500 to the present- especially in response to European colonizers, missionaries, modern states, and contemporary rain forest development. Participants consider the human rights issues involved, and critique conventional European representations of Amazonians, in ethnography, literature and film. Capabilities addressed: Critical reading, critical thinking, clear writing, academic self assessment, collaborative learning, information technology.

3 credits

Prerequisite: ENGL 102, and a minimum of 30 credits. Degree students only. Students may not take more than one 200G (Intermediate Seminar) course.

**Afro-Caribbean Religions****ANTH 223G**

The purpose of this course is to examine several of the better known Afro-Caribbean religious movements that have played a major role in the modern history of the Caribbean region. Historical influences from Europe, Africa and the Americas will be addressed. The course provides an introduction to the anthropological study of religion and to the field of Caribbean studies. Capabilities addressed: critical reading, critical thinking, clear writing, information technology.

3 credits

Prerequisite: ENGL 102, and a minimum of 30 credits. Degree students only. Students may not take more than one 200G (Intermediate Seminar) course.

**Anthropology On Film****ANTH 260**

Film has become an important medium for recording and conveying information about human behavior. To what extent do ethnographic films present a complete and accurate record of cultural reality and to what extent do they project a filmmaker's romantic vision of 'message'? Examples of ethnographic film are viewed and discussed in light of these questions.

3 credits Dist WC Div I

**Anthropology of the Environment****ANTH 263**

This course focuses on people's complex relationships to their environment. It examines different anthropological approaches to analyze human adaptive strategies to diverse ecosystems around the world from a historical and cross-cultural perspective. It will also examine the different strategies and knowledge systems that humans develop for managing their resources. Finally, the course looks at the rise of political ecology as a perspective to analyze the role of power relations, institutions and ideas of nature in environmental change and conservation.

3 credits

**Peoples and Cultures of Africa** **ANTH 272**

An in-depth study of selected African societies, examining traditional institutions, the colonial situation, and modernization.

3 credits Dist WC Div I

**Peoples and Cultures of Mesoamerica (Mexico and Guatemala)** **ANTH 273**

A survey of Mesoamerican ethnology including an introduction to cultural and linguistic regions through comparisons of ethnographic materials. Emphasis is given to acculturation, during the colonial period, among indigenous and Spanish-speaking populations, and, in the contemporary period, on social change among rural and urban sectors.

3 credits Dist WC Div I

**Peoples and Cultures of the Caribbean****ANTH 274**

An ethnographic and historical overview of the Caribbean, examining the impact of external forces on local economic organization, domestic life, religion, and migration, with attention to the importance of transnational communities and migrations that link the islands with the North American mainland.

3 credits Dist WC

**Peoples and Cultures of China****ANTH 275L**

This course describes and analyzes China and Chinese society through the perspective of culture. By looking at the ways in which Chinese people lead their lives, the beliefs and ideas they place importance upon and the ways in which these ideas are manifested in people's actions, we hope to gain a more thorough understanding of China as a social, political and economic entity, and a more nuanced and analytical understanding of China's diverse peoples. Some of the themes we will address include the following: unity and diversity in Chinese society, the role of the family, the place of the state, food and eating, gender relations, ritual and religion, popular culture (particularly movies and opera), economic and social change, nationalism and international relations.

3 credits Dist WC

**Special Topics****ANTH 280**

The study of special topics in anthropology. Consult department's description of current offerings to find out about the topics being explored this semester. May be repeated for credit.

3 credits



**Human Variation****ANTH 312**

A consideration of the factors involved in the production and maintenance of biological variability within and between human populations.

3 credits

Prerequisite: ANTH 102 or 105.

**The Anthropology of Religion** **ANTH 366**

A comparative study of religion, including belief systems, social functions, ritual processes. Religions of a variety of cultures are considered, and some emphasis is given to the development of modern anthropological theories of religion and on current methods of analysis and interpretation.

3 credits

Prerequisite: ANTH 100 or 103 or 106.

**Social and Cultural Perspectives on Witchcraft and Sorcery** **ANTH 367**

Beliefs about people with extraordinary powers to cause harm or good are found in societies of different types and in different periods in history. This course examines such beliefs in a number of different cultural, geographical, and historical contexts in order to demonstrate ways in which anthropologists and other social scientists approach the more general problem of understanding the function of belief systems in human society. The course does not teach techniques of witchcraft or sorcery.

3 credits

Prerequisite: Sophomore standing or higher or permission of instructor.

**Anthropology of Death****ANTH 372**

Although human mortality occurs in all societies, it is understood and defined differently within various settings. This course examines how culture influences the way people respond to the fact of death. Key themes include: the analysis of funeral rituals; religion and art in relation to death; cultural dimensions of mourning; and the relationship between social organization and death.

3 credits

Prerequisite: Sophomore standing.

**Arabic****Elementary Arabic I****ARABIC 101**

Arabic 101 is designed for students with no previous knowledge, or very limited knowledge of the Arabic language. The first part of this course focuses on learning the script, sound and writing systems in Arabic. Building upon these skills, in the second part of the course, we will focus on the four communication skills (reading, speaking, listening and writing) of Modern Standard Arabic (MSA). We will also immerse ourselves in Arabic language and culture through various activities designed around the audio-visually enhanced Maha and Khalid, and their family storyline.

4 credits Dist WL

**Elementary Arabic II****ARABIC 102**

Arabic 102 picks up where Arabic 101 left off. Our central tasks will be building vocabulary and mastering basic grammatical structures. We'll also stress training in reading and writing Arabic sentences and in enhancing spoken skills necessary for a variety of daily activities. As the course progresses, more emphasis will fall on assimilating the language for more complex communicative purposes related to describing self, family members, career plans, and abstract matters like personal feelings and decisions.

4 credits Dist WL

Prerequisite: ARABIC 101 or equivalent.

**Art** **SUMMER PROGRAMS ON NANTUCKET****ART 380 Painting Studio on Nantucket**[caps.umb.edu/nantucket/](http://caps.umb.edu/nantucket/)**The Language of Art****ART 100**

The course teaches students to begin to understand the processes of artistic creation. It enables the student to grasp the expressive content of works of art in a wide variety of media and to analyze how the artist creates his/her effect. It is not an historical survey. Through lectures, discussions, field trips, and museum visits, the student studies paintings, sculptures, and buildings; examples are chosen as often as possible from the Boston area. The course addresses such concepts as elements of composition, rhythm, symmetry, and space; and the possibilities of differing interpretations of subject matter. It offers a solid introduction to the arts by developing the student's ability to see and analyze forms as the result of aesthetic and interpretive decisions.

3 credits Dist AR

**Ancient and Medieval Art****ART 101**

The course offers an historical survey of art and architecture of the ancient world, giving particular emphasis to Egyptian, Greek and Roman cultures. Students are also introduced to the arts in Medieval Europe, with a special focus on the Romanesque and Gothic styles.

3 credits Dist AR

**Renaissance to Modern Art****ART 102**

An historical survey of Western art and architecture from the fifteenth century to the twentieth century. The course deals with different aspects of the art of the Renaissance in Italy and the North, the Baroque and Rococo, Neoclassicism and Romanticism, Realism and Impressionism, and Post-Impressionism.

3 credits Dist AR

**American Art in Boston****ART 252**

Survey of painting, sculpture, architecture, graphic arts, photography and urban planning in Boston from 17th century to 20th century.

3 credits Dist AR

**Drawing I****ART 281**

A comprehensive introduction to basic materials and techniques, with emphasis on drawing as a primary means for the description and interpretation of people and their environment. Problems in still life, landscape, and life drawing. Fundamentals of visual language are also addressed.

3 credits Dist AR

**Materials, Processes, and Ideas:****Introduction to Contemporary Sculptural Practices****ART286**

This course presents the concepts, processes, and materials that form the foundation of sculpture and its evolving definition. It will explore the possibilities for autobiographical, aesthetic, conceptual, and formal expression through the practice of sculpture. Methods and approaches to the sculptural practice will include object making, conceptual art, video, installation, public art, and performance. This course will introduce new ways of visual thinking, development, and awareness through individual meetings, critiques, readings, discussions, and current exhibitions.

4 credits Dist AR

**Photography I****ART293**

An introduction to basic issues in photography. The mechanics of the camera, the techniques of the darkroom, and matters of creative and personal import are addressed through illustrated lectures, class critiques, and assigned lab hours. Some attention is given to the history of photography.

4 credits Dist AR

Prerequisite: ART majors, or students with less than 90 degree credits.

**Introduction to Video****ART 295**

This studio course is an introduction to working creatively with moving images within a personal, historical, and critical framework. Through technical workshops using iMovie and Final Cut Pro on the Macintosh, students explore the potential of digital non-linear editing and examine the characteristics and strategies of various genres and forms to inform and enrich their own production.

4 credits Dist AR

**Asian American Studies****Special Topics****ASAMST 220**

Various courses in Asian American Studies are offered experimentally under this heading. Topics and faculty sponsors are announced before the beginning of each semester.

3 credits

**Introduction to Asian-American Writing****ASAMST 221L**

A study of prose works by American writers of East Asian, Southeast Asian, and South Asian descent. In discussing texts and current issues in the field of Asian American literary studies, students consider the ways in which discourse determines identity and the responsibilities of writers-to themselves as artists and to their communities, whether defined by race or gender.

3 credits Dist HU Div U

Prerequisite: ENGL 101.

**Asians in the United States****ASAMST 223L**

This multidisciplinary course examines the social, historical, and structural contexts defining the Asian American experience from 1850 to the present. Topics include immigration, labor, community settlement, ethnicity, stereotypes, and race relations.

3 credits Dist HU Div U

**Southeast Asians in the United States****ASAMST 225L**

This course examines issues arising from the resettlement of one million Vietnamese, Cambodian, and Laotian refugees in the US since 1975. Topics include resettlement policies, adjustment and acculturation, changing roles of women and family, and the continuing impact of international politics. Media presentations and lectures by local Southeast Asian community leaders highlight the course.

3 credits Dist SB Div U

**Asian Women in the United States****ASAMST 228L**

Drawing on women's voices in literature, sociocultural research, and historical analysis, this course examines the experience of Asian women in the United States from 1850 to the present. Topics include the transformation of Asian women's traditional roles as part of the acculturation process; exclusion; changing roles within the Asian American family; resistance to oppression as defined by race, gender, class; and the continuing impact of international politics.

3 credits Dist SB Div U

**Asian American Psychology****ASAMST 238L**

This course is an introduction to the psychological experience of Asian Americans, including the historical, sociopolitical, and cultural influences that shape personality and mental health in community, family, and individual contexts. The course also explores prevention and intervention possibilities through specific examples, such as trauma and intergenerational conflict, that are relevant for Asian American populations.

3 credits Dist SB Div U

**Independent Study I****ASAMST 478**

This course offers individuals and groups of students the opportunity to work with a specific faculty member on an approved project or plan of study in the field of Asian American Studies.

1-3 credits

Prerequisite: Instructor permission required.

**Independent Study II****ASAMST 479**

This course offers individuals and groups of students the opportunity to work with a specific faculty member on an approved project or plan of study in the field of Asian American Studies.

1-3 credits

Prerequisite: Instructor permission required.

**Asian Studies** **INTERNATIONAL PROGRAMS****China Today: Culture, History & Society**[caps.umb.edu/international/](http://caps.umb.edu/international/)**Peoples and Cultures of China****ASIAN 275L**

This course describes and analyzes China and Chinese society through the perspective of culture. By looking at the ways in which Chinese people lead their lives, the beliefs and ideas they place importance upon and the ways in which these ideas are manifested in people's actions, we hope to gain a more thorough understanding of China as a social, political and economic entity, and a more nuanced and analytical understanding of China's diverse peoples. Some of the themes we will address include the following: unity and diversity in Chinese society, the role of the family, the place of the state, food and eating, gender relations, ritual and religion, popular culture (particularly movies and opera), economic and social change, nationalism and international relations.

3 credits Dist WC

**Topics in Asian Studies: Violence and the Novel in South Asia****ASIAN 480**

This course offers a general introduction to Anglophone Literature of South Asia through a focus on representations of violence, suffering, and Empire. It examines novels by contemporary Anglophone writers preoccupied with exploring the links between current political and ethnic strife in the subcontinent and South Asia's colonialist past. In the process we will address issues that are of relevance to postcolonial studies such as nationalism, diasporic identity, subaltern identity, displacement, and neocolonialism. All readings will be in English.


3 credits

**Biochemistry****Biochemistry I****BIOCHM 383**

In the first of a two-semester sequence, the chemistry of life processes is discussed in terms of structure and biological function of proteins, nucleic acids, carbohydrates, lipids, and other cellular components. Special emphasis is given to protein structure and function, enzymology, carbohydrate metabolism, transport mechanisms, energy transformations, and photosynthesis. It is recommended that BIOCHM 385 be taken concurrently.

3 credits

Prerequisite: BIOL 111 and one of the following: CHEM 252 with 256 or 254, or CHEM 954A.

**Biology****SUMMER PROGRAMS ON NANTUCKET****BIOL 100 Coastal Ecology** **BIOL 306 Marine and Coastal Ecological Research** [caps.umb.edu/nantucket](http://caps.umb.edu/nantucket)**The Basis of Life** **BIOL 101**

The uniqueness of life within the physical universe. The matter and energy of life, the genetic code, molecular biology, and the origin and evolution of life. An overview for students in the humanities and social sciences of those features which distinguish living organisms from non-living things. No background in the natural sciences is required.

3 credits Dist NS

**Introduction to Nutrition****BIOL 108**

Introduction to the elements of nutrition with emphasis on nutrition for humans; examination of food stuffs and nutritional quality, physiology of food utilization, food quality regulations, and the global ecology of food production. No background in the natural sciences is required.

3 credits Dist NS

**General Biology I****BIOL 111**

An integrated course stressing the principles of biology. Life processes are examined primarily at the molecular and cellular levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses.

4 credits Dist NS

**General Biology II****BIOL 112**

An integrated course stressing the principles of biology. Life processes are examined primarily at the organismal and population levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses.

4 credits Dist NS

Prerequisite: BIOL 111.

**Anatomy and Physiology I****BIOL 207**

A study of the human organism, correlating structure and physiological mechanisms. Emphasis on skin, the special senses, and the skeletal, articular, muscular, nervous, and endocrine systems. Required of nursing and human performance and fitness majors.

4 credits Dist NS

Prerequisite: BIOL 111. Nursing and Exercise & Health Science majors only.

**Anatomy and Physiology II****BIOL 208**

Continuation of BIOL 207. Emphasis on the digestive, circulatory, respiratory, excretory, and reproductive systems. Required of nursing and human performance and fitness majors.

4 credits Dist NS

Prerequisite: BIOL 207.

**Medical Microbiology****BIOL 209**

An introduction to viruses, bacteria, fungi, and protozoa which may be pathogenic to humans and animals; and to immunology, epidemiology, and clinical microbiology. The laboratory introduces sterile techniques, maintenance of pure cultures, isolation, identification, and immunological methods.

4 credits

Prerequisite: BIOL 111 and CHEM 116 and 118 (or CHEM 104, 108 or 904A) or CHEM 130.

**Cell Biology****BIOL 210**

A study of structure and function of cells including physiological and biochemical processes of cells, membranes, subcellular organelles, and of specialized cells. Specific topics include synthesis and mode of action of biological macromolecules, flow of information and energy, mode of enzyme action, cell-to-cell communication, and membrane functions such as transport. Note: Students (non-biology majors) who do not wish to take the laboratory portion of this course should register for BIOL 212. No student may take this course after successful completion of BIOL 212.

4 credits

Prerequisite: BIOL 112 and CHEM 103 or 115 and 117.

Corequisite (or prerequisite): Math 130 or placement into MATH 140 from the math placement exam.

**Cell Biology****BIOL212**

The description of this course is the same as BIOL 210; this course consists of lecture sections only; there is no laboratory. Biology majors should take BIOL 210. No student may take this course after successful completion of BIOL 210.

3 credits

Prerequisite: BIOL 112 and CHEM 103 or 115 and 117.

Corequisite (or prerequisite): Math 130 or placement into MATH 140 from the math placement exam.

**Molecular Biology****BIOL372**

The description of this course is the same as BIOL 370; this course consists of lecture sections only; there is no laboratory. (No student may take this course after successful completion of BIOL 370.)

3 credits

Prerequisite: BIOCHM 383 and BIOL 210 or 212 and BIOL 252 or 254.

**Special Topics: Simulation in Biology****BIOL381**

Computer simulation of biological phenomena is an important and growing part of biological research, but students in the life sciences often shy away from using math and computer science as tools to study biology. The goal of Simulation in Biology is to show students how useful simulation is in understanding biology, and to convince them that anyone can learn to do it. In an interactive, cooperative, and synergistic setting, students will learn about biological simulation through readings and discussions, be trained to use the graphics-based simulation software Star Logo: The Next Generation (SLTNG), and work collaboratively on simulation projects of their own design.

3 credits

**Special Topics: Towards a Cure - Understanding Human Disease through Scientific Literature****BIOL381**

The World Health Organization estimates that 34 million people worldwide are living with HIV/AIDS, and 35.6 million people worldwide are living with Alzheimer's disease and other dementias. According to the Centers for Disease Control and Prevention, 26.5 million people are living with coronary heart disease in the United States alone. What can these prevalent and diverse diseases teach us about human biology? What do we still need to know to develop better treatments? Will we ever find a cure?

This course will investigate HIV, Alzheimer's disease, and coronary heart disease through the detailed reading of scientific literature. We will use a variety of teaching and learning methods, including group work, class discussions, and student presentations, to improve our literature analysis skills and to better understand the knowns and unknowns of each disease. Moreover, students will have the opportunity to investigate diseases of their choice using skills learned in the course. This course is designed for Biology majors and advanced science students who have a great interest in learning about human disease and developing important comprehension and communication skills for careers in science and medicine.

3 credits

**Business Communication****Fundamentals of Business Communication & Critical Analysis****BC 230**

This course provides rigorous instruction in the basics of written and oral communication for managers. Instruction will focus on necessary writing, analytical reading, and critical thinking required in business. This is a writing-intensive course preparing students for the challenges of BC 290. Additionally, the course is devoted to improving students verbal skills in articulation, presentation skills, and confidence in sharing ideas in class.

3 credits

**Professional Written Communication & Critical Analysis**

BC 290

This course offers instruction and practice in written business communication and critical analysis. The course emphasized clarity and coherence in case analyses, and focuses on professionalism within written business communication. Students work on appropriate delivery of information via a range of business letters, resumes, and cover letters. It is required of all students in the College of Management.

3 credits

**Communication, Negotiation, & Conflict Interactions BC295**

An interactive class designed to raise students' confidence in business communication and prepare them for a variety of speaking engagements. They will learn negotiation and conflict resolution strategies and become persuasive, organized, and diplomatic in the delivery of information, even during stressful and challenging situations. The course also addresses the cultural norms, procedures, and customs appropriate for a professional business setting. By the end of the course, students will have a strong grasp of how to present themselves in interviews, meetings, conference, one-on-one interactions, and other relevant business ventures.

3 credits

Prerequisite: Department permission required.

**Chemistry****Environmental Concerns and Chemical Solutions CHEM111L**

Human society is constantly facing such environmental issues and problems as ozone depletion, air pollution, acid rain, environmental toxins, and renewable energy resources. This course provides students with a foundation in chemistry that can be used to examine these and other environmental concerns. A combination of lecture and group discussion illustrates the science behind these issues, and helps students develop an unbiased view.

3 credits Dist NS

**Chemical Principles I CHEM115**

Introduction to the fundamental principles of chemistry including atomic structure, stoichiometry, the periodic table of the elements, chemical bonding, molecular structure, and states of matter based on kinetic theory. This course is intended for majors in any of the sciences, including pre-dental, pre-medical, and pre-engineering students.

3 credits Dist NS

Prerequisite or Corequisite: MATH 130 or placement into MATH 140 on the Math Placement Test. Corequisite or Prerequisite: CHEM 117.

**Chemical Principles II CHEM116**

Introduction to acid-base systems, elementary thermodynamics, chemical kinetics and equilibria, electrochemistry, oxidation-reduction reactions, and a survey of the chemical properties of elements based on principles already introduced. This course is intended for majors in any of the sciences, including pre-dental, pre-medical, and pre-engineering students.

3 credits Dist NS

Prerequisite: Grade of C- or better in CHEM 115 and MATH 130. Corequisite or Prerequisite: CHEM 118.

**Chemical Principles I Laboratory CHEM117**

Laboratory (accompanies CH 115, the lecture component of the course) presents an introduction to methods of quantitative chemical techniques. Students taking 117 must either be currently enrolled in CH 115 or have previously completed CH 115 with a passing grade.

2 credits

Corequisite: CHEM 115 (or Prerequisite: CHEM 103).

**Chemical Principles II Laboratory CHEM118**

Laboratory (accompanies CH 116, the lecture component of the course) presents an introduction to qualitative and quantitative analysis. Students taking 118 must either be currently enrolled in CH 116 or have previously completed CH 116 with a passing grade.

2 credits

Corequisite: CHEM 116.

**Organic Chemistry I CHEM251**

Introduction to the structure and synthesis of organic molecules, the reactions of the principal functional groups, and the basis theory of organic chemistry. The prediction of reaction products using reaction mechanisms, and the determination of organic structure using spectroscopy. The underlying role of stereochemistry in organic structure and reactions will be emphasized.

3 credits Dist NS

Prerequisite: C- or better in CHEM 116 OR C- or better in CHEM 104; CHEM 118. Corequisite or Prerequisite: CHEM 255.

**Organic Chemistry II CHEM252**

Fundamental principles and advanced topics in organic chemistry. Carbonyl chemistry is covered in particular detail, using principles of stereochemistry, stereoelectronic theory, and molecular orbital theory as a foundation. Students learn about strategies in multi-step organic synthesis and are given an introduction into organometallic chemistry.

3 credits Dist NS

Prerequisite: C- or better in CHEM 251 OR CHEM 253; CHEM 255. Corequisite or Prerequisite: CHEM 256.

**Organic Chemistry I Laboratory CHEM255**

Laboratory (accompanies Chem 251, the lecture component of the course) presents an introduction to organic laboratory techniques such as extraction, distillation, and recrystallization. Students taking Chem 255 must be currently enrolled in Chem 251.

2 credits

Prerequisite: CHEM 116 and 118 or CHEM 104. Corequisite: CHEM 251.

**Organic Chemistry II Laboratory CHEM256**

Laboratory (accompanies Chem 252, the lecture component of the course) presents an introduction to organic synthesis. Students taking Chem 256 must be currently enrolled in Chem 252.

2 credits

Prerequisite: CHEM 255 or CHEM 253. Corequisite: CHEM 252.

**Advanced Laboratory in Chemistry I** **CHEM481**

Special laboratory topics under individual guidance by faculty member.

1-4 credits

Prerequisite: CHEM 254 or 256, and any two of the following: CHEM 311, 312, 369, 370. Department permission required.

**Advanced Laboratory in Chemistry II** **CHEM482**

Special laboratory topics under individual guidance by faculty member.

1-4 credits

Prerequisite: CHEM 254 or 256 and any two of the following: CHEM 311, 312, 369, 370. Department permission required.

**Chinese****Elementary Chinese I** **CHINSE 101**

For students with no previous training in Chinese. Introduction to pronunciation (Mandarin), grammar, conversation, Chinese characters and the Pinyin romanization system.

4 credits Dist WL

**Elementary Chinese II** **CHINSE 102**

A continuation of CHINSE 101. Grammar, pronunciation, conversation, reading, and writing.

4 credits Dist WL

Prerequisite: CHINESE 101 or equivalent.

**Classics** **INTERNATIONAL PROGRAMS**

**The Cities of Vesuvius:  
Ancient Greeks & Romans on the Bay of Naples**  
[caps.umb.edu/international/](http://caps.umb.edu/international/)

**Ancient Egypt** **CLSICS 230L**

A survey of the history, art, archaeology, and religion of ancient Egypt.

3 credits Dist WC

**Greek Civilization** **CLSICS 281**

A consideration of the major periods of Greek civilization through the reading of literary masterpieces supplemented by a text and lectures on cultural and historical backgrounds. Discussion of Homer, the tragedians (Aeschylus, Sophocles, Euripides), Aristophanes, Plato. Introduction to archaeological and artistic materials.

3 credits Dist WC

**Communication Studies****Introduction to Communication**  **COMSTU100**

This course is designed to provide an introductory survey of the study of communication. The course begins with a general history of the evolution of human communication, and goes on to examine such areas as definitions, models, and basic concepts in communication; the range of verbal and non-verbal codes, and their complex interrelations in the message systems of modern electronic media; and various communication contexts, with emphasis on the structure and function of interpersonal communication and mass communication, particularly broadcast and cable television.

3 credits Dist SB

**Oral Communication** **COMSTU105**

This course focuses on improvement of interpersonal, small group, and public communication skills. Through readings, journals, class discussions and activities, we explore the following: self-concept and perception, listening and responding, language and non-verbal behaviors, interviewing, problem-solving and decision-making, formal elements of speech-making, the evaluation of one's own and others' public messages.

3 credits

**Using Internet Communication**  **COMSTU210**

Using Internet communications enhances students' theoretical understanding of electronic communication and their ability to communicate as professionals, scholars, and citizens using the Internet. Participants learn core communication theoretical models and principles, and apply them to electronic communication methodologies that enhance interpersonal, small group, and public interactions. These methodologies include electronic meetings, discussion forums, co-authoring tools, audio, and video.


3 credits

**Organizational Communication** **COMSTU240**

This course explores the understanding of human communication within complex organizations. It addresses the study of messages, interactions, and meaning in the process of managing organizations. Topics include, but are not limited to, superior-subordinate communication, technology in the workplace, message flow and diffusion, the construction and maintenance of organizational culture, communication in diverse organizations, and negotiation and conflict.

3 credits

Prerequisite: COMSTU 100 and COMSTU 200 and COMSTU 205 and COMSTU 230.

**Analyzing Media**  **COMSTU250**

Participants intensively examine mass media products, including print media, radio, television, and the visual and musical arts. They develop skills in deconstructing media products and evaluating them to arrive at a sophisticated understanding of how the various mass media are produced and how they interact with society and culture. The course makes use of both theoretical texts and the media products themselves.

3 credits Dist SB

Prerequisite: ENGL 102.

**Information Technology and Human Communication** **COMSTU300**

This course examines the relationship between information technology and human communication. Readings, discussion, assignments and projects address IT's potential to enhance and constrain communication; its role in the promotion or dissolution of community; its implications for social policy; its place among other media; and many more issues for which IT, particularly cyber-technology, is a lightning rod.

3 credits Dist SB

**Social Influence and Compliance Gaining** **COMSTU320**

This course will examine research and theory on persuasion, compliance gaining, and social influence. Topics include message characteristics, credibility, compliance-gaining strategies, advertising, marketing, public health campaigns, decision-making, and motivational appeals. The course will also explore the applicability of research and theory to everyday practice.

3 credits

Prerequisite: COMSTU 100 and COMSTU 200 and COMSTU 205 and COMSTU 230.

**Health Communication****COMSTU330**

This course addresses research and theory concerning communication in health care contexts. It focuses on health literacy, provider/patient interactions, public health campaigning, risk communication, and entertainment/education. These concepts will be discussed in their relation to health interventions at the individual, community, and population levels.

3 credits

Prerequisite: COMSTU 100 and COMSTU 200 and COMSTU 205 and COMSTU 230.

**Political Communication** **COMSTU350**

This course will present an overview of the role of communication in the manipulation of political opinions. It explores research on a range of political communication and the cognitive, attitudinal, and behavioral effects of this communication on the public and examines changes brought about by advances in communication media. It will also explore research concerning the role of political communication in an international context.

3 credits

Prerequisite: COMSTU 100 and COMSTU 200 and COMSTU 205 and COMSTU 230.

**Criminal Justice****Introduction to Systems of Criminal Justice****CRMJUS104L**

The goals of the course are to give students a theoretical and empirical foundation of the criminal justice system. Topics will also include the nature of victimization, the inner workings of the criminal justice system and the outcomes for offenders leaving the system. The student will be exposed to the critical issues in justice, be involved in discussions of their impact on American society, and be asked to consider alternative approaches to addressing these issues. In addition, during the discussion of each segment of the American system of justice, comparisons will be made with other developed and developing nations' justice systems.

3 credits

**Criminology** **CRMJUS262L**

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.

3 credits Dist SB

Prerequisite: SOCIOL 101.

**Racial and Ethnic Relations****CRMJUS321L**

An examination of racial and ethnic relations in contemporary society, including the history and sociology of the immigration experience, bilingual education, the nature and character of discrimination, neighborhood change, and racial and ethnic conflict.

3 credits Dist SB Div U

Prerequisite: SOCIOL 101. SOCIOL or PSYSOC or CRMJUS or ALCSUB students only.

**Methods of Sociological Research****CRMJUS351L**

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.

3 credits

Prerequisite: SOCIOL 101. SOCIOL or PSYSOC or CRMJUS or ALCSUB students only.

**Corrections****CRMJUS363L**

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern treatment approaches.

3 credits

Prerequisite: SOCIOL 101 and CRMJUS/SOCIOL 262L.

**Drugs and Society** **CRMJUS367L**

This course examines the social origins and consequences of the use and abuse of consciousness-altering substances (including alcohol). It considers how society defines and deals with drug use and assesses social harm, including such issues as addictions and health effects, drugs and crime, the legislation debate, and drug policy and enforcement.

3 credits Dist SB

**The Sociology of Mental Health and Illness CRMJUS386L**

The sociological study of mental disorder and well-being in American society. The course emphasizes the study of the prevalence and the incidence of disorder, and theories of its causation. Attention is also given to family and societal reactions to the impaired, and how these responses and definitions influence legal processes, treatment, and illness severity. Social policy is discussed.

3 credits

**Internship in Law and Criminal Justice CRMJUS461L**

This course provides an historical and sociological analysis of our state and federal court systems, and considers such issues as the rights of indigent defendants, the bail system, right to counsel, and the adversary nature of some proceedings. In addition to classroom work, students undertake supervised field placements in probation offices, parole boards, district attorneys' offices, and correctional programs.

6 credits

Prerequisite: SOCIOL 101, SOCIOL/CRMJUS 262L and 351L and two of the following: SOCIOL/CRMJUS 363L, 465L, 467L. 90 or more credits, completion of WPE and major in Criminal Justice or permission.

**The Police in Society CRMJUS465L**

An examination of police as a system of social control; a survey of major studies of police by sociologists and government commissions. Emphasis placed on police organization, patterns and consequences of police training, historical and cross-cultural perspectives of police systems and studies of police discretion and police-citizen interaction.

3 credits

Prerequisite: SOCIOL 101 and CRMJUS/SOCIOL 262L.

**The Sociology of Law CRMJUS467L**

A general analysis of the social origins and consequences of law and legal process; special emphasis on law as a method of conflict resolution and as a social control structure, and on law and social change. Attention also given to law in other societies, including non-literate societies, to the evolution and development of legal structures, and to patterns of due process and criminal law.

3 credits

Prerequisite: SOCIOL 101 and CRMJUS/SOCIOL 262L.

**Dance****Modern Dance I DANCE134**

This course is an introduction to the study of modern dance; emphasis on performance.

3 credits Dist AR

**Multicultural Dance DANCE135**

This course focuses on the theory, practice, and performance of American, Latin-American, and African-American dance styles.

3 credits Dist AR

**Economics****Introduction to Microeconomics ECON101**

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is given to the functioning of markets and to the behavior of individual economic units such as the business firm and the consumer (microeconomics). Other areas of emphasis vary from section to section and may include industrial organization, income distribution, international trade, economics of the environment, and other topics.

3 credits Dist SB

Prerequisite: MATH 114Q or 115 or equivalent MATH level. Introduction to Macroeconomics ECON102

**Introduction to Macroeconomics ECON102**

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is given to examining the overall functioning of the economy and to such matters as unemployment, inflation and recession. Other areas of emphasis vary from section to section and may include economics of government spending and taxation, economic development, alternative economic systems, and other topics.

3 credits Dist SB

Prerequisite: MATH 114Q or 115 or equivalent MATH level.

**Microeconomic Theory ECON201**

Analysis of consumer and firm behavior, and of the determination of prices and quantities in both product and factor markets. Equilibrium of the household, the firm, and the industry. Implications of alternative market structures. A theoretically oriented course that builds on the less rigorous foundation provided in introductory economics courses.

3 credits Dist SB

Prerequisites = ECON 101 and Math 129 or Math 130 with a grade of B- or better or placement into Math 134, 135 or 140.

**Macroeconomic Theory ECON202**

An investigation of the forces determining national output, employment, and inflation. Particular attention is paid to those government policies which attempt to affect the overall level of economic activity in the US. A theoretically oriented course that builds on the less rigorous foundation provided in introductory economics courses.

3 credits Dist SB

Prerequisites = ECON 101 and 102, Math 129 or Math 130 with a grade of B- or better or placement into Math 134, 135 or 140.



**Statistical Methods****ECON205**

A non-calculus introduction to statistical inference aimed at familiarizing students with common statistical concepts so they will be able to make intelligent evaluations of technical reports. Topics include descriptive statistics; probability, including the normal distribution; hypothesis testing, including t-tests; analysis of variance; regression and correlation.

3 credits Dist MT

Prerequisite: Econ 101 or 102 and Math 114Q or Math 115 (or placement into Math 129 or 130).

**International Finance****ECON335**

An examination of the theory of international finance, balance of payments and foreign exchange markets, open economy macroeconomic policy with capital mobility and exchange rate flexibility, international monetary regimes, and international monetary reform.

3 credits Dist SB

Prerequisite: ECON 101 and 102.

**Comparative Economic Systems****ECON372**

An examination of alternative systems of economic organization. Analysis of the failed command economies of the former Soviet Bloc and discussion of the progress and prospects for reform in Russia, Poland and Hungary. Special attention is given to comparing alternative capitalist systems (US, Sweden, Germany, Japan and South Korea). Issues of concern include market and non-market mechanisms of allocation and distribution, workers' control, economic democracy, centralization and decentralization, and the relation of economic affairs to political and social affairs.

3 credits

Prerequisite: ECON 101 and 102.

**Earth, Environment and Ocean Science****SUMMER STUDY ON NANTUCKET****GIT Data Collection and Field Methods**

[caps.umb.edu/nantucket](http://caps.umb.edu/nantucket)

**Weather and Climate****EEOS225**

This course investigates atmospheric processes forming the basis for weather patterns and climatic development on a global scale. Major topics include earth-sun relationships, heating and cooling of the atmosphere, atmospheric circulation, pressure patterns, air mass formation and frontal systems, episodic storms, vertical zonation of climate, and the Koppen System for evaluating and classifying climatic phenomena.

3 credits Dist NS Prerequisite: 30 credits.

**GIT Data Collection and Field Methods****EEOS406**

This course has 3 components: lecture, lab, and field data collection. The course is conducted at the UMass Boston campus for the first 2 weeks and at the UMass Boston field station on Nantucket for the third and final week. The course covers basic Geographic Information Technologies (GIT) and applications used to research, map, and analyze landward and coastal phenomena.

4 credits

Prerequisite: Nantucket program. Application and instructor permission required.

**English****INTERNATIONAL PROGRAMS****From Bologna to the Blogosphere: The History of Written Correspondence**

[caps.umb.edu/international/](http://caps.umb.edu/international/)

Note: ENGL 101 and 102 are prerequisites for all English courses above the 100 level. For non-majors, one 200-level English course is prerequisite for all 300- and 400-level English courses. These requirements may be modified or waived for certain courses; see the following course descriptions for such changes. The student who is strongly motivated to take a course for which he or she has not satisfied the prerequisites should contact the instructor for advice and permission.

Students whose first language is not English and who have not previously completed a UMass Boston English or ESL credit course must take a writing placement test before registering for any English or ESL course. For more information visit [umb.edu](http://umb.edu), keyword search: *Diagnostic Testing*.

**Freshman English I****ENGL101**

English 101 is an introductory course in critical reading and writing that prepares students for working with the complex texts and ideas they will find in their college studies. English 101 teaches students to discover and shape their own perspectives in dialogue with challenging readings. Through carefully sequenced assignments, students are guided through various processes for constructing academic essays that may include journal writing, glossing texts, discussing student papers in class, peer reviewing, and especially revising. Readings and materials vary from section to section.

Note: English 101 satisfies the first half of the College's freshman writing requirements.

3 credits

Prerequisite: Degree students only.

**Freshman English II****ENGL102**

Freshman English 102 is a more advanced course in critical reading and writing than 101; it is intended to help students prepare for their upper-level courses and the Writing Proficiency Requirement. Through sequenced assignments, students learn to sustain inquiries on particular themes or issues and to treat subjects from different perspectives, including their own. Through frequent reading and writing assignments, students learn to analyze the structures of essays and arguments so they are able to develop informed responses to them. As in 101, drafting and redrafting are emphasized. One of the course papers will be a researched essay that builds on course themes and issues. Note: English 102 satisfies the second half of the College's freshman writing requirement.

3 credits

Prerequisite: ENGL 101; Degree students only.

**Understanding Literature****ENGL200**

This course offers guided practice in the close reading of three major literary genres—poetry, fiction, and drama—with works to be drawn from various historical periods. (A fourth genre may be added at the instructor's discretion.) The course explores the distinctive features of each genre, along with the concepts and terminology necessary to understand it accurately and communicate about it effectively. Close reading is integrated with aesthetic and evaluative responses to the literary works. A bridge to Literary Studies II (ENGL 300) is provided through focused study of at least one work from a biographical, historical, cultural, or other perspective. This course requires intensive writing.

3 credits Dist AR

Prerequisite: ENGL 101 or 102.

**Five British Authors** **ENGL201**

Representative works by five of the most important writers from the fourteenth to the nineteenth century, studied as introductions to philosophical and humanistic studies, explored as reflecting and shaping the leading ideas, assumptions, and values of their ages. Works by Chaucer, Shakespeare, and other authors such as Milton, Swift, and Austen, with films and background lectures on the philosophical and historical contexts of the works and their authors. Instruction in analytical reading and writing is provided.

3 credits Dist HU

Prerequisite: ENGL 101 or 102.

**Creative Writing: Fiction****ENGL212**

An introduction to the writing of fiction for students who may or may not have had prior experience. Students read fiction as a basis for learning to write it, and class discussion focuses both on assigned readings and on student work. Individual conferences with the instructor are also required.

3 credits

Prerequisite: ENGL 102.

**Introduction to Asian-American Writing****ENGL221L**

A study of prose works by American writers of East Asian, Southeast Asian, and South Asian descent. In discussing texts and current issues in the field of Asian American literary studies, students consider the ways in which discourse determines identity and the responsibilities of writers-to themselves as artists and to their communities, whether defined by race or gender.

3 credits Dist HU Div U

**The Art of Literature****ENGL262G**

This course explores and imagines the world of literature—the imagination as it finds creative expression in language. Why do we call some writing “literature”? What makes us label something “art”? Through fiction, poetry, and drama, participants learn about literary devices and terminology and develop an appreciation for the writer's craft. Capabilities addressed: Critical reading, critical thinking, clear writing.

3 credits

Prerequisite: ENGL 102, and a minimum of 30 credits. Degree students only. Students may not take more than one 200G (Intermediate Seminar) course.

**The Art of Life Writing****ENGL276G**

Introduction to life writing. Close analytical reading of memoirs, personal essays, biographies and autobiographies with special attention to a writer's historical and cultural milieu, and to a writer's choices of form (including narrative points of view, setting, characterization, scene and summary, figurative language, and representations of speech). Please note: Students may receive credit either for this course or for CORE C120 (Controversy), but not for both. This course may count toward the major or minor in English. Capabilities addressed: Critical reading, critical thinking, clear writing, academic self-assessment, collaborative learning, information technology, oral presentation.

3 credits

Prerequisite: ENGL 102, and a minimum of 30 credits. Degree students only. Students may not take more than one 200G (Intermediate Seminar) course.

**Language, Literacy and Community** **ENGL284**

This course is designed to be taken in conjunction with ENGL 285. It provides theoretical and practical foundations for teaching second language adult literacy. Course work considers participants' own language/literacy acquisition processes and practice as tutors. The course focuses on learner-centered approaches to teaching adult ESL/literacy.

3 credits

Prerequisite: ENGL 102.

**Advanced Nonfiction Writing****ENGL306**

For serious writers in various nonfictional modes, such as description, narration, expository or informative writing, and written argument. While there is some emphasis on the philosophy of composition, everything read and discussed has a practical as well as a theoretical function. Sections of this course taught by different instructors vary in emphasis from the composing process to techniques of the new journalism, to technical writing, writing for prelaw students, techniques of research for the long paper and report. But all are conducted in small classes or workshops, all are concerned with informative or argumentative writing for advanced students, and all require the permission of the instructor for enrollment.

3 credits

Prerequisite: ENGL 200 or 201 or 206.

**Writing for Print and Online Media****ENGL307**

This is an advanced course where strong writers can gain proficiency in major types of writing for the public, focusing on journalistic stories. Assignments connect to real campus, job, and community events and situations, with the expectation that some writing will be publishable. In conjunction with English 308, this course provides a strong preparation for editors and writers in all settings.

3 credits

Prerequisite: ENGL 200 or 201 or 206.

**Memoir and Autobiography****ENGL320**

A study of various kinds of American autobiography—such as spiritual autobiography and freedom narratives—from colonial to modern times, with attention to European forerunners from Augustine to Rousseau. Texts vary by semester, selected from such authors as Edwards, Franklin, Thoreau, Douglass, Jacobs, Moody, Washington, and Henry Adams, and more recent works by Hellman, Wright, Malcolm X, and Kingston.

3 credits

Prerequisite: ENGL 200 or 201 or 206.

**Stage and Page: Drama, 1900-Today****ENGL328**

A study of 20th century American and British drama, including works in translation by influential playwrights abroad. Attention to themes, forms, styles, staging, and performance. Works by such authors as Ibsen, O'Neill, Williams, Miller, Brecht, Beckett, Genet, Hansberry, August Wilson, Kushner, and Hwang.

3 credits

Prerequisite: ENGL 200 or 201 or 206.

**Narrative in the Novel and Film****ENGL329**

Emphasizing formal and stylistic renditions of 20th- and 21st-century narrative art, this course focuses on experimental aspects of fiction and film. The storytelling structures of fiction and film are compared through close attention to written texts, visual and graphic media, and critical readings. Materials include fiction by authors such as Woolf, Faulkner, and Coetzee, and films by directors such as Eisenstein, DeSica, and Resnais.

3 credits Div I

Prerequisite: ENGL 200 or 201 or 206.

**Short Novel****ENGL337**

Readings in 20th-century short novels by authors such as Tolstoy, Joyce, Conrad, James, Wharton, Hemingway, Steinbeck, Roth, Wright, Hurston, Achebe, C. Johnson, and Oates. Exploration of how the language of analysis and interpretation affects the ways we relate to texts. Attention to differences among genres: short story, the novella or short novel, and novel.

3 credits

Prerequisite: ENGL 200 or 201 or 206.

**The Adolescent in Literature****ENGL371**

An examination of works featuring adolescents as protagonists, with attention to why American literature in particular has celebrated the adolescent (and pre-adolescent) experience. Consideration of assumptions held about adolescence, about authorial intention, about literary analysis, and about education. Authors may include Twain, Salinger, Updike, Eugenides, Angelou, Baldwin, Barbara, Morrison, and Allison.

3 credits

Prerequisite: ENGL 200 or 201 or 206.

**William Shakespeare's Later Works****ENGL383**

Shakespeare's problem plays, major tragedies and late romances. The course emphasizes critical interpretations of individual plays, and it assumes that students will have had some experience of Shakespearean plays, such as those in ENGL 382. But this course may be elected without such experience.

3 credits

Prerequisite: ENGL 200 or 201 or 206.

**Comparative Reading of Two Authors****ENGL394**

Comparative study of the fiction of major English and American novelists whose works have social and thematic affinities or present interesting problems of contrast. Novelists—such as Fitzgerald and Hemingway, Austen and Eliot, HG Wells and JRR Tolkien, Nadine Gordimer and Salman Rushdie—vary from year to year.

3 credits

Prerequisite: ENGL 200 or 201 or 206.

**The Renaissance in England****ENGL402**

Major work of the English Renaissance (early sixteenth through early seventeenth centuries), in poetry and prose. Authors such as Thomas More, Christopher Marlowe, Edmund Spenser, Shakespeare, Ben Jonson, John Donne, and Milton. Reading in Renaissance criticism.

3 credits

Prerequisite: ENGL 200 or 201 or 206.

## Environmental Studies



### SUMMER STUDY ON NANTUCKET

#### Arachnology: The Spiders of Nantucket Island

[caps.umb.edu/nantucket](http://caps.umb.edu/nantucket)

#### The Nature of Environmental Problems

ENVSTY101

An introduction to environmental issues and analysis emphasizing comparisons between the sustainable characteristics of ecosystems, both natural and human, and the human impacts on the Earth's life support systems. Topics include human population growth, food production, use of natural resources, pollution, loss of bio-diversity, and conservation strategies.

3 credits Dist NS

#### Environmental Concerns and Chemical Solutions

ENVSTY111L

Human society is constantly facing such environmental issues and problems as ozone depletion, air pollution, acid rain, environmental toxins, and renewable energy resources. This course provides students with a foundation in chemistry that can be used to examine these and other environmental concerns. A combination of lecture and group discussion illustrates the science behind these issues, and helps students develop an unbiased view.

3 credits Dist NS

#### Special Topics: Arachnology - The Spiders of Nantucket Island

ENVSTY280

This course is designed to give participants an in depth look at the diversity of spider families that inhabit Nantucket Island, help you to hone skills that allow you to identify spiders to the genus and species level from this region and elsewhere, and give you an appreciation for the anatomy, physiology, phylogeny, and ecology of these amazing organisms. The learner can expect several hours each day in doing field work collecting spiders using a variety of the methods used by professional arachnologists, engaging presentations on spider anatomy and physiology, as well as in depth investigations of the relatedness of extant and extinct spider groups. Collecting work will also involve in depth dissection of the ecological niches some local species prefer, as well as a class driven sampling effort to utilize current methodologies to estimate the spider species diversity in several local habitats.

3 credits

Prerequisite: Nantucket program. instructor permission required.

## Exercise and Health Science

#### Introduction to Nutrition

EHS150

This course examines ways in which nutrition promotes health, influences disease, and affects exercise and sports performance. A major goal is to have students better understand the role that nutrition plays in their own health. Participants evaluate popular diets and dietary supplements, examine current nutrient recommendations, and acquire confidence in making sensible nutrition recommendations.

3 credits

Prerequisite: EHS and NURSNG students only.

## Fitness & Wellness

EHS160

Students completing this course will be able to plan and develop a personal physical fitness plan and learn about physical fitness as it relates to health and well being. Students will also learn to set fitness related goals and articulate the aims and objectives of instruction in various fitness related activities, included but not limited to weight training, aerobic fitness using a number of modes such as walking and jogging, and an introduction to the regulation of healthy body weight. Emphasis will be on analyzing and designing fitness related activities with a consideration of safety issues and articulating carry over skills to aid in increasing the quality of life. This is a fundamental course that introduces students to the basic principles of fitness.

3 credits

Prerequisite: EHS Students Only.

#### Prevention and Care of Sport Injuries

EHS240

This course is designed to assist students in recognizing and providing immediate treatment of the common injuries seen in recreational and competitive sports. Additional topics include pre-participation physicals, protective equipment, emergency first-aid, orthotics, illnesses and disease routinely seen in active individuals, and when to treat and when to refer.

3 credits

Prerequisite: EHS Students Only.

#### Physical Activity & Health

EHS260

The relationship between physical activity and health across the life span and the implications for health promotion strategies targeted at both individuals and the community are examined. The course focuses on national health statistics, gaining experience reading peer reviewed scientific literature, and understanding how science is used to guide physical activity program planning.

3 credits

Prerequisite: EHS Students Only.

#### Statistics for Health Professionals

EHS280

This course focuses on basic concepts of statistics such as measures of central tendency and variability; concepts of test validity, reliability, and objectivity; and on basic techniques used in inferential statistics such as correlation, regression, t-tests, and analysis of variance. Emphasis will be placed on interpreting scientific peer-reviewed research in the field of exercise and health sciences. Students will also learn how to perform basic statistical tests using a statistical software package.

3 credits

Prerequisite: MATH 114Q or appropriate score on the Math Placement assessment. EHS or Nursing Students Only.

**Applied Kinesiology****EHS310**

Applied Kinesiology is designed to provide a foundational level of knowledge of the field of Human Kinesiology, and will serve as a primer for students who will be entering higher levels of the health and fitness professions. This course places particular emphasis on expanding the students level of understanding of functional musculoskeletal anatomy. Mechanical and anatomical concepts essential for understanding human movement are integrated routinely through this course. After introductory sections on these underlying kinesiological principles, this course systematically progresses through the human body on a joint by joint basis, and then explores the synergistic interaction of all joints systems that is the hallmark of human motion. Topics of focus will include classification of joint systems, connective tissue anatomy and biomechanics, arthrokinematics, and kinetics. Clinical and athletic application of these principles will be made through sections on the biomechanics of sport and exercise.

3 credits

Prerequisite: BIOL 207 and 208 (grade of C or higher).  
EHS students only.

**Health Behavior Change****EHS340**

This course is an introduction to the science of health behavior change. The most commonly used theories, models, and strategies of health behavior change will be explored in the context of promoting health and preventing disease. The particular emphasis of the course is on health behavior change in relation to improving physical activity, eating nutritiously, eliminating tobacco use, and other lifestyle-related habits, that impede optimal health and wellness. This course is designed to teach students the theory-based skills and strategies they need to take a patient or client from knowing what they need to do to achieving behavior change. For example, have you ever wondered why individuals who know how to exercise and eat right, do not engage in these healthy behaviors, or why individuals cannot maintain a healthy behavior change?

This course will provide the student with the background theory behind human behavior and introduce the student to motivational strategies and tools that can promote a lasting health behavior change. Emphasis is placed on improving student competency in designing evidence-and theory -based interventions for individuals and groups. This course will lay the foundation for EHS 360 Wellness Coaching Techniques where the student will learn the counseling skills to interact with individuals and groups in health promotion and health care settings. The course has particular relevance to students who plan to be exercise specialists, nutritionists, health educators, physical therapists, physical assistance, nurses, psychologist and other health care professionals.

3 credits

Prerequisite: EHS 160 (grade of C or higher). EHS students only.

**Wellness Coaching Techniques****EHS360**

The overarching aim of this course is to familiarize the student with evidence-based counseling strategies that can be used to improve healthy lifestyle habits through theory-based health behavior change programs. Students will learn how to take the theories and strategies from Health Behavior Change, with a particular emphasis on the transtheoretical model, social cognitive theory, cognitive and behavioral strategies, and relapse prevention, and apply them during one-on-one counseling sessions. This course focuses on a client-centered approach to counseling which includes learning and practicing motivational interviewing techniques. A variety of experiential activities will be completed to assist students in becoming confident and effective behavior change counselors. The course has particular relevance to students who plan to be exercise specialists, nutritionists, health educators, physical therapists, physical assistants, nurses, psychologists and other health care professionals.

3 credits

Prerequisite: EHS 340 (grade of C or higher). EHS students only.

**Exercise Physiology I****EHS380**

This course examines the acute and chronic effects of exercise on the human body. Specific topic areas to be covered include; 1) energy metabolism, 2) pulmonary system, 3) cardiovascular system, 4) hormones, 5) skeletal muscle, 6) nervous system, and 7) possible other topics such as temperature regulation, affects of altitude, ergogenic aids, etc. Major course concepts will be demonstrated in the accompanying lab sessions.

4 credits

Prerequisite: BIOL 207 and 208 (grades of C or higher). EHS students only.

**Research Methods I****EHS460**

This course is designed to provide students with a background in quantitative research methods with an emphasis on studies conducted in exercise and health sciences. Students will become familiar with the scientific method and basic principles of designing descriptive and experimental projects. Students will learn to review and evaluate the literature, interpret research results, and conduct ethical research.

3 credits

Prerequisite: EHS 260 and EHS 280 (grade of C or higher). EHS Students Only.

## French

### Intensive Elementary French

**FRENCH100**

Intensive elementary work in the four language skills, with concentration on an audio-lingual approach, for students with no previous training in French. Students completing this course satisfactorily will be allowed to enter directly into courses at the intermediate level. Equivalent to one year of elementary French.

8 credits Dist WL

### Elementary French I

**FRENCH101**

Practice in the four language skills, with concentration on an audio-lingual approach, for students who have no creditable training in French. Includes an introduction to French and francophone culture. Weekly laboratory attendance and assignments required.

4 credits Dist WL

### Elementary French II

**FRENCH102**

A continuation of FRENCH 101. Concentrated practice in the four language skills, with an audio-lingual approach, for students who have completed FRENCH 101 or its equivalent. Continued attention to French and francophone culture. Weekly laboratory attendance and assignments required.

4 credits Dist WL

Prerequisite: FRENCH 101 or equivalent.

### Intermediate French I

**FRENCH201**

This course seeks to help students attain the level of intermediate competence in speaking, listening, reading, and writing, through imaginative and personalized activities that are relevant to student interests. These activities include an introduction to the culture and literature of the French-speaking world. Weekly laboratory attendance and assignments required.

4 credits Dist WL

### Intermediate French II

**FRENCH202**

This course seeks to build on the level of achievement reached in FRENCH 201. Participants study a variety of literary and cultural texts as models of written expression. Weekly laboratory attendance and assignments required.

4 credits Dist WL

## Gerontology

### Demographics and Economics of Aging

 **GERCTR220**

This course seeks to provide students with the ability to obtain and utilize information about the demographic and economic status of the elderly in the United States and abroad and to examine the impact of these factors on their quality of life. Students will also learn about the aging network and the major health and social welfare programs and services for the aged.

3 credits Div U

### Legislative Process and the Elderly

 **GERCTR240**

Legislative bodies and administrative agencies, through power and process, can have a profound impact on issues in the policymaking arenas. In order to advocate effectively, it is important to understand the state legislative process and to engage in strategic planning to influence the decision makers.

3 credits

### Applied Research in Aging

 **GERCTR325**

This 3-credit course is a project in conjunction with a community organization about an issue affecting the elderly. Students learn to clearly articulate significant questions, develop a research methodology, prepare instruments and gather data that inform debate on the issue. Students will participate in the design and implementation of a group field project. We will use mixed methods to explore the attitudes and behavior of these older adults.

3 credits

### Community Service with Elders

 **GERCTR355**

This course is linked to a project involving a community partner in which students focus on an issue, policy, medical condition, or some other aspect of aging in which the community partner is interested. Students research the issue from a variety of perspectives and work with the community partner to use the research to support advocacy efforts locally and nationally regarding policies to improve the quality of life for persons affected.

3 credits

## German

### Elementary German I

**GERMAN101**

Intensive practice in the four language skills, with an audio-lingual approach, for students who have no creditable training in German. Weekly laboratory attendance and assignments required.

4 credits Dist WL

### Elementary German II

**GERMAN102**

Continuation of GERMAN 101.

4 credits Dist WL

Prerequisite: GERMAN 101 or equivalent.

## History

### INTERNATIONAL PROGRAMS

#### China Today: Culture, History & Society

[caps.umb.edu/international/](http://caps.umb.edu/international/)

### SUMMER STUDY ON NANTUCKET

#### This Land is Your Land: A Survey of US Environmental History

[caps.umb.edu/nantucket](http://caps.umb.edu/nantucket)

### Introduction to Historical Thinking and Analysis HIST101

This course is designed to introduce students to the discipline of history, to the way in which primary sources are used to assemble historical narratives and explanations. The course introduces the student to the basic skills of historical thought and analysis, how to read and understand sources, to weigh evidence, evaluate it and place it in a larger context, and to explain why and how past events happened. Each section of the class will be focused upon a particular person, event or theme that will allow students to examine primary and secondary sources and to use the former to evaluate the latter as a means to developing the skills appropriate to a beginning student of history.

3 credits

### Foundations of Western Civilization HIST211

A survey of European history from the golden age of Greece in the 5th century BCE to 1715, laying particular stress on politics, culture and religion. Major topics examined will include the culture of ancient Greece; the rise of Rome and the ideology of the Roman Empire; the early development of Christianity and its impact on the ancient world; the evolution of new political forms in the Middle Ages; medieval Christianity; the impact of Renaissance efforts to revive Greek and Roman civilization; the Protestant Reformation and Catholic responses to it; and the scientific and intellectual culture of the seventeenth century. In addition to broad coverage the course will devote attention to critical examination of a selection of key historical texts.

3 credits Dist HU

### Modern Western Civilization HIST212

This course traces the history of Western Civilization from the enlightenment of the 18th century up to the transformations that took place in the 1990s. It is a history of revolutions and wars, ideologies and institutions. It is also a history of people, the lives they led and the decisions they made. In this period Western European nations, and a former colony, the United States, became the dominant powers in the world. During the last three centuries, Western Civilization has influenced the lives of all people whether they lived in the west or in other parts of the world. By studying western civilization we therefore come to understand a great deal about our present day world and the lives we lead.

3 credits Dist HU

### World History to 1800

HIST213

This course considers the ways that disparate parts of the world were interconnected and interdependent before the modern era. Through studies of the growth of civilizations across the continents, the rise of world religions, the development and later transformations of the silk roads, and the early modern colonial projects of Europe, student will have opportunities to consider how religion, language, empire, and trade created common spaces for peoples from diverse regions of the world. Topics range from early urbanization in Egypt and Mexico, to the Islamic empire, the Asian world system. Europes shift from periphery to core, the civilizations of the Americas, and the rise of the African slave trade in the trans-Atlantic context.

3 credits

### Modern World History

HIST214

This course offers an examination for the processes of modernization and globalization since the late eighteenth century; their connections to imperialism, colonialism, and war; and their relationships to changing perceptions of society, politics, economics, gender, and culture in different regions of the world.

3 credits Dist SB Div I

### Ancient Egypt

HIST230L

A survey of the history, art, archaeology, and religion of ancient Egypt.

3 credits Dist WC

### American History before 1877

 HIST265

Beginning with the history of North America prior to the voyages of Columbus, History 265 examines the impact of Europeans upon indigenous peoples, and studies the evolution of colonial settlements in British North America. It covers the causes and consequences of the American Revolution, the subsequent development of democratic political and social institutions, the emergence of transportation, market and industrial revolutions and the coming of the sectional conflict and Civil War.

3 credits Dist HU

### American History since 1877

 HIST266

History 266 begins in the aftermath of the Civil War and Reconstruction and examines the nature and impact of urbanization, immigration, and industrialization. The course then examines the growth of American imperialism and the nation's rise to world power status. It also focuses on cycles of economic change, including the Great Depression and the enormous expansion of the middle class after World War II. The course will also examine the Cold War in both its worldwide impact, such as wars in Korea and Vietnam, and on the domestic front. Finally, the course examines the transformation of society and culture in the second half of the Twentieth Century.

3 credits Dist HU

**This Land is Your Land:****A Survey of U.S. Environmental History****HIST276**

From the Dust Bowl to current global climate change, from Hoover Dam to acid rain, from the 1927 Mississippi flood to Hurricane Katrina, from Native American agriculture to the recent Farm Bill, this class studies how people have used and changed the North American environment from the colonial era to the present. Through discussion, exams, and essays, students will master historical material and build skills in document analysis and written argument. The Nantucket environment will shape our class throughout. Through walks, public presentations, and independent research, students will use examples from Nantucket Island to learn about national trends. This class does not require a background in history. Science majors and first-year students welcome.

3 credits Dist HU

Prerequisite: Nantucket program. By permission of instructor.

**History of the Mediterranean** **HIST319**

The Mediterranean is a "global player" that has made the peoples of Europe, the Middle East, and North Africa participate in a common path since antiquity. The course analyzes the history of the Mediterranean and the extraordinary interactions between multiple and rich cultural, ethnic and religious backgrounds. From the time of the Greek city-states to the Roman Empire, the Italian Renaissance, the Ottoman Empire and the new scenarios of the 20th century, this course will explore the economy, politics, and religion of three continents developing a unique exchange.

3 credits

Prerequisite: ENGL 102.

**Modern Irish History from 1800 to present****HIST339**

This course examines the forces and movements in the development of Irish nationalism from 1800 to the achievement of national independence. The course also explores the history of an independent Ireland.

3 credits

**Histories of Brazil** **HIST351**

What makes Brazil so distinctive? Why is it so unequal? How did it become so powerful, seemingly overnight? And, what is it about all that samba, soccer, and carnival? This course introduces students to the history and contemporary society of Brazil, a large and increasingly important actor in Latin America, the wider hemisphere, and the world. Additionally, the particularities of Brazilian history can illuminate wider questions relating to social change, economic growth and inequality, exclusion and prejudice, creativity and leadership, and the relationship between humans and their environment, among many other questions.

3 credits

**War in the Twentieth Century****HIST358**

A study of military plans, strategy and weapons employed in twentieth century wars, and their consequences on the battlefield, together with their larger impact on the societies involved. Emphasis on the two world wars and the Vietnam War. The course concludes with a review of current military plans and weapons systems of the world powers in the perspective of military history since 1914.

3 credits

**Mussolini** **HIST433**

A focus on the life and career of the Italian Fascist premier.

3 credits

**Honors****Special Topics: Art of Wandering****HONORS290**

This course will explore unitary urbanism, an art-making, game-playing, politically-engaged way of being. "Unitary urbanism envisions the urban environment as the terrain of a game in which one participates." Unitary urbanism, the goal of the mid-century radical political art movement Situationist International, asks us to engage with our physical space as active participants and creators, seeing possibility for play and change in seemingly static institutionalized spaces. This course will combine reading about wandering, experimental travel, the psychology of urban life, and the "practice of the everyday" with creative assignments designed to re-imagine your role as an inhabitant of Boston. You will be asked to wander the city, recording your findings and your experiences; create experimental maps; make audio and video recordings; and generally participate in the city as an active artist. Together we will "invent new games" to play in the city, and we will not be bored. The assignments for this course will include weekly responses to our texts and films, and creative assignments (for which we will build the skills together). Grades will be based on the enthusiastic completion of assignments. No research papers, but lots of art making.

3 credits

Prerequisite: Department permission required.

**Honors Colloquium: The Boston Harbor Island - On the Ground and in the Archives****HONORS380**

The Boston Harbor Islands – several of which are visible from UMass Boston's campus - constitute an extraordinary environment in which to explore the perspectives of history, geology, ecology, public policy, archaeology, anthropology and other disciplines in understanding a place over time. The Boston Harbor Islands are the historic location of agricultural sites, almshouses, cemeteries, hotels, forts, prisons and schools; many of the islands are geologically rare coastal drumlins, and they continue to be home to diverse wildlife. In the 21st century, the islands form a national recreation area and are part of a state park, and through complex management partnerships with governmental, private and volunteer entities, offer a variety of recreational, environmental and cultural activities throughout the year. Through weekly boat trips guided by experts in relevant disciplines plus readings and research at area archives, course participants will investigate the question "How does the past inform the present and the future of the Boston Harbor Islands?"

3 credits

Prerequisite: Department permission required.



## Human Service

### Human Service Policy and Practice

**HUMCTR415**

In this Human Services Capstone course students will learn how to understand, analyze, and influence human services policies. Students will take an ecological approach to understand the interplay between policy and practice in governmental and human services organizations at the local, state, and federal levels. Building on cumulative knowledge, skills, and internship experience, students will design and present a capstone project. This project may include issue identification, research, an intervention strategy, and a proposal to bring about positive change in the identified human services area.

3 credits

Prerequisite: Department permission required.

### Professional Internship Seminar

**HUMCTR420**

This course enables students to apply theory to practice in Human Services through supervised internship and professional seminar. Students will have the opportunity to further develop their knowledge and skills through experiential learning and reflection in fieldwork seminar accompanying the placement. From this experience students will address ethical issues, improve their practice skills, gain a better understanding of themselves and the field, and gain familiarity with human service systems. There will be an emphasis on self awareness, growth and development, as well as, critical thinking, civic engagement, and professional identity. Students can expect to improve skills in communication and interpersonal relations; draw connections, between theory and practice; see how service agencies operate and work with diverse types of people. In the seminar we will discuss practice issues that emerge in the field, along with, professional issues such as use of self, self disclosure, supervision, termination, empowerment, and social justice and social control.

3 credits

Prerequisite: Department permission required.

### Case Management

**HUMCTR425**

This course address current practice and policy for human service workers assuming multiple and conflicting roles posed by case management with consumers in human services. Case management functions include client screening, risk assessment; service planning, implementation, monitoring and reassessment of the service plan. Case managers seek to support client self-determination but are also charged with controlling costs and rationing services posing ethical dilemmas for workers. We will examine best practice guidelines for case management and apply theory to practice in the field. We will examine case management from the perspective of the consumer, practitioner, other providers and the service system. A major focus of this class is critical examination of case management practice in a variety of settings. This highly interactive class will involve a combination of lecture, class discussion of anonymous case vignettes drawn from the field, and field interviewing.

3 credits

Prerequisite: Department permission required.

## Information Technology

### Managerial Statistics

**IT111L**

Provides the student with the basic statistical techniques needed for business decision making in areas such as operations management, quality improvement, marketing research, finance, and general management. The course examines collection and presentation of data, frequency distributions, basic probability, statistical inference, and regression. Students use statistical software for data presentation and analysis.

3 credits

Prerequisite: MATH 129 or MATH 130, or appropriate scores on math placement exam. Co-requisite: IT 110 or MSIS 110.

### Introduction to Java

**IT 114L**

An introductory course in Java programming that exposes students to the concepts involved in using a higher-level, object-oriented programming language. The course will explain the program development process and give students lots of hands-on experience writing small Java programs. The course serves as a prerequisite to other IT courses.

Prerequisite: Placement into Math 115 or higher level math course or completion of Math 115 or higher level math course.

## Italian

### Elementary Italian I

**ITAL101**

For students who have no creditable training in Italian; intensive practice in the four language skills, with an audio-lingual approach. Weekly laboratory attendance and assignments required.

4 credits Dist WL

### Elementary Italian II

**ITAL102**

The continuation of ITAL 101.

4 credits Dist WL

Prerequisite: ITAL 101 or equivalent.

## Japanese

### Elementary Japanese I JAPAN101

This course is intended for absolute beginners (those who have never studied Japanese) and those who have some background in Japanese, but would like to start afresh. We will focus on some elements of grammar including present and past tenses, hiragana and katakana writing systems, and fixed phrases. Students also learn about 30 kanji (Chinese characters). All four language skills (speaking, listening, reading, and writing) will be covered.

4 credits Dist WL

### Elementary Japanese II JAPAN102

This course is a continuation of JAPAN 101, and assumes the knowledge of Japanese covered in it. Students who studied Japanese elsewhere and wish to take the course need to demonstrate a similar level of competency. All four language skills (listening, speaking, reading, and writing) will be covered. In addition to new elements of grammar, students will learn about 50 new kanji.

4 credits Dist WL

Prerequisite: JAPAN 101 or equivalent.

## Latin

### Fundamentals of Latin I LATIN101

Latin 101 introduces students to the Latin language by teaching them to read, write, and speak in elementary forms. The goals are to enable students (1) to read elementary texts with some ease and fluency, (2) to manipulate Latin and English grammar, and (3) to enhance their English vocabulary.

3 credits Dist WL

### Caesar LATIN302

Reading in the works of Caesar; background and scholarship.

3 credits Dist WL

## Linguistics

### Elementary American Sign Language I LING151

This course provides an introduction to American Sign Language with an emphasis on receptive skills, vocabulary, and grammar; it also introduces the linguistics of ASL. In addition, through readings, guest speakers, and videotapes, the course seeks to help students develop their awareness of issues important to the Deaf community.

3 credits

### Elementary American Sign Language II LING152

A continuation of LING 151 with emphasis on receptive and expressive skills. Note: LING 152 may be used as a distribution course only after successful completion of LING 153.

3 credits Dist WL

Prerequisite: LING 151 or permission of instructor.

### Elementary American Sign Language III LING153

This course provides an intensive review of introductory ASL, followed by further study of grammar and language skills, correlated with advanced elementary level reading related to Deaf culture.

3 credits Dist WL

## Management

### Managing Organizations MGT303

Examines theory, research, and practice in the management of organizations. Students learn to make use of analytical tools for recognizing diagnosing, and acting on managerial problems related to organizations to their objectives, and to the development of human resources. The course emphasizes at the macro level, such as organizational analysis and design, and at the micro level, such as managerial behavior motivation, and interpersonal relations.

3 credits

Prerequisite: Grade of B- or better in BC 290 (or ACM 299) or appropriate score on CMWA and a minimum of 60 credits and pre-req (or co-req) MATH 134, 135, 140, 141, 145 or 146. This class is open to MGT majors only.

### Business Environments and Public Policy MGT330

Examines the interaction of business and government in the contemporary public policy process in the United States. The course helps students become familiar with the private sector's effect on the public sector as well as the public's effect on the private. It also examines how government promotes, regulates, and competes with private enterprise.

3 credits

Prerequisite: Grade of B- or better in BC 290 (or ACM 299) or appropriate score on CMWA and a minimum of 60 credits and pre-req (or co-req) MATH 134, 135, 140, 141, 145 or 146. This class is open to MGT majors only.

### Managerial Ethics and Social Issues MGT331

Examines the kinds of ethical principles (e.g. justice, equality, rights and obligations, and the public interest) generally offered in justification of ethical judgments. Students learn to apply these principles to the social and economic issues that managers face, such as pollution, safety, discrimination, and fiduciary and product responsibilities. The course includes a research paper on an ethical problem in management.

3 credits

Prerequisite: MGT 303 and a minimum of 60 credits. MGT majors only.  
Prerequisite (or Corequisite): MATH 134, 135, 140, 141, 145 or 146.

**Management Practices****MGT421**

Focuses on job-relevant skills that entry-level and middle-level managers need to acquire if they are to meet the challenges posed by problems in their work that involve dealing with people. The course focuses, for example, not on theories of group dynamics, but on how a manager can effectively chair a committee or lead a project team; not on theories of power but on short and long term strategies for acquiring and using power. The course focuses, therefore, on skill acquisition and practice rather than on understanding conceptual material. Required readings are used to further understanding of concepts introduced in MGT 303 and to facilitate skill practice.

3 credits

Prerequisite: MGT 303 and a minimum of 60 credits. MGT majors only.

**Managing Global Environments****MGT434**

This course is designed to familiarize students with the world of international business. It introduces students to the special problems and issues firms encounter by virtue of operations abroad. It focuses on such concerns as relationships with host governments, and the complexities of planning, communicating, and controlling in the international arena.

3 credits

Prerequisite: MGT 303 and a minimum of 60 credits. MGT majors only.

**Management Internship****MGT480**

Provides students with opportunities for full- or part-time work experience in a management setting. On-site supervisors and faculty sponsors provide guidance and supervision for each intern.

3 credits

Prerequisite: a minimum of 63 credits. MGT majors only. Department permission required.

**Strategic Management****MGT490**

Focuses on the organization as a whole from a perspective that takes into account both the role of top management and the future of the organization. The course is designed to be the capstone course in the student's College of Management curriculum. It develops an approach for identifying the mission of the organization, exploring its external environment for opportunities and risks, and relating these to internal strengths and weaknesses. This course is required of all College of Management students.

3 credits

Prerequisite: AF 301 and MGT 303, 330, MKT 301, MSIS 301, MGT 331 (pre-req or co-req), a minimum of 60 credits and completion of at least 75% of MAP Miles. MGT majors only. Department permission required.

**Management Science and Information Systems****Introduction to Information Systems****MSIS105**

Introduces computers, information systems, and their use in society for students with minimal prior knowledge in this area. Topics include overviews of current information technology concepts and components, the Internet, and productivity software tools. The course offers an extensive hands-on component in the use of current technology. This course cannot be counted toward the management information systems or management science concentration in the College of Management.

3 credits

**Introduction to Computers and Information Systems****MSIS110**

Introduces systems thinking principles, computers, information systems, and their use in business decision making. Topics include management information systems concepts and components, issues involving information management, productivity software tools. The course offers an extensive hands-on component in the use of state-of-the-art technology.

3 credits

**Managerial Statistics****MSIS111L**

Provides the student with the basic statistical techniques needed for business decision making in areas such as operations management, quality improvement, marketing research, finance, and general management. The course examines collection and presentation of data, frequency distributions, basic probability, statistical inference, and regression. Students use statistical software for data presentation and analysis.

3 credits

Corequisite: MSIS 110 / Prerequisite: MATH 129. MGT students only.

**Introduction to Information Security****MSIS123**

This course will present an overview of the threats to your information technology infrastructure and intellectual property, with an emphasis on the detection and prevention of intrusions or theft. The protection of services such as web services, file sharing, and e-mail will be analyzed. The vulnerabilities and hardening of major operating systems such as Linux and Windows will be discussed. The course takes a holistic approach, discussing the technical but focusing on the need for proper training and procedures in the maintenance of an effective yet secure information technology infrastructure. While the material of the course is technical in nature, no systems administration or software development experience is assumed. A good familiarity with the use of the Internet and computers is required, and some knowledge of TCP/IP would be helpful.

3 credits

**Managerial Decision Making****MSIS212**

Provides the student with knowledge of more advanced decision making tools building upon the skills developed in MSIS 110 and MSIS 111. The emphasis of this course is on using management information systems and quantitative analysis tools to improve the quality of managerial decision making. Topics include decision theory and analysis, optimization, simulation, and forecasting. Students use advanced functions in spreadsheet packages and decision support software for analysis of practically oriented problems in various management setting.

3 credits

Prerequisite: MSIS 110 and one of the following: MSIS 111, MATH 125, ECON 205, PSYCH 270, SOCIOL 350. MGT majors only.

**Systems Security****MSIS223**

An overview of information systems security, with applications. Topics addressed include a mix of Access Control Systems and Methodology, Telecommunications and Networking Security, Security Management Practices, Application and Systems Development Security, Cryptography, Security Architecture and Models, Operations Security, Business Continuity and Disaster Recovery Planning, Systems Security Law and Ethics, and Physical Systems Security.

3 credits

**Operations Management****MSIS301**

Introduces the student to the concepts and techniques used by organizations to support their fundamental task of producing goods and services. This course includes a balanced view of the manufacture of tangible goods and the production of less-tangible services. Topics covered include product and process strategy, quality management, production planning for manufacturing and for service organizations, and inventory management. The course also includes an examination of the interactions of operations management, quantitative decision making techniques, and information technology. Students use management science techniques and software to examine a wide variety of operations management problems.

3 credits

Prerequisite: MSIS 110 and 111 (or approved substitutes) and a minimum of 60 credits. MGT students only.

Prerequisite (or Corequisite): MATH 134, 135, 140, 141, 145 or 146.

**Supply Chain Management****MSIS454L**

This course teaches the leading-edge tools and techniques that enable the management of an organization to create sustainable profitable growth by managing the entire supply chain. A supply chain consists of suppliers, manufacturing centers, warehouses, distribution centers, and retail outlets. Supply chain management involves the full synchronization of market demand with flows of materials, information, other resources, and finished products through the entire system of raw materials to retail. The goal of supply chain management is to ensure that merchandise is produced and distributed at the right quantities, to the right locations, at the right time, satisfying service-level requirements while minimizing system-wide costs. Use is made of mathematical and information systems modeling techniques for supply chain management.

3 credits

Prerequisite: At least 60 credits and MSIS 301.

**Management Science and Information Systems Internship****MSIS480**

Provides students with opportunities for full- or part-time work experience in a management science and information systems setting. On-site supervisors and faculty sponsors provide guidance and supervision for each intern.

3 credits

Prerequisite: a minimum of 60 credits. MGT students only. Department permission required.

**Marketing****Principles of Marketing****MKT301**

Develops students' understanding of marketing principles underlying the selection and assessment of markets, and the development and delivery of products and services.

3 credits

Prerequisite: Grade of B- or better in BC 290 (or ACM 299) or appropriate score on CMWA and a minimum of 60 credits and pre-req (or co-req) MATH 134, 135, 140, 141, 145 or 146. This class is open to MGT majors only.

**Data Analysis for Marketing Management****MKT310**

Familiarizes students with data analysis techniques for marketing decision making. Emphasis is given to secondary data and secondary data processing. The course makes extensive use of computers and commercial software: word processing and graphics programs, spreadsheets, and statistical analysis packages containing data description, bivariate and multivariate models. It also emphasizes report writing and oral presentation skills.

3 credits

Prerequisite: MKT 301 and MSIS 111 (or approved substitutes) and a minimum of 60 credits. MGT majors only.

Prerequisite (or Corequisite): MATH 134, 135, 140, 141, 145 or 146.

**Retailing in the Internet Age****MKT404**

Retailing goods and services to consumers has always taken a wide variety of forms, from the single-unit entrepreneurial enterprise to the shopping mall to the regional or national chain. In recent years shopping on the Internet has been added to the options available to the retail customer. This course covers all aspects of traditional retail marketing from site selection to merchandising policies to evaluation of effectiveness. It pays special attention to the new techniques and strategies required for business to consumer e-commerce and to the challenges presented by the need to integrate e-tailing into existing retail businesses.

3 credits

Prerequisite: MKT 301 and a minimum of 60 credits. This course is open to MGT majors only.

**Marketing Internship****MKT480**

Provides students with opportunities for full- or part-time work experience in a marketing setting. On-site supervisors and faculty sponsors provide guidance and supervision for each intern.

3 credits

Prerequisite: Department permission required.

## Mathematics - Academic Skills

### Pre-Algebra Mathematics

**MATHSK097**

This course aims to overcome students' fears of mathematics. It builds self-confidence through successful mathematics skill development and problem solving. It lays a mathematical foundation for the study of algebra and exposes students to the kinds of quantitative reasoning encountered in the social and physical sciences. Topics include whole numbers; fractions; decimals; percents; signed numbers; graphing; dimensional analysis; English and metric measurement; perimeter, area, and volume; mean, median, and mode; simple interest; and formulas.

3 credits

Prerequisite: Appropriate scores on the Math Placement Test.

### Fundamentals of Algebra

**MATHSK098**

A course for students who never studied algebra in high school, or who studied it long ago or ineffectively. Introduction to algebraic notation and concepts so that students will be successful in math, and in introductory physical and social science courses. Development of successful study and test-taking techniques. Algebraic expressions-simplification, combination, and evaluation; linear equations-solving, graphing, and using them to solve word problems; exponents; scientific notation; and proportions.

3 credits

Prerequisite: Appropriate scores on the Math Placement Test.

### Intermediate Algebra

**MATHSK099**

For students with a weak math background who want to develop skills for further work in mathematics or science courses. Covers basic high school mathematics. Topics include multiplying and factoring polynomials, linear equations and straight lines, fractional exponents and radicals, ratios of polynomials, quadratic parabolas, systems of simultaneous linear equations, and word problems. Generally limited to students with fewer than 3 years of high school math preparation.

3 credits

Prerequisite: Appropriate scores on the Math Placement Test

## Mathematics

### Quantitative Reasoning

**MATH114QR**

This course covers the basic algebra and technological tools used in the social, physical and life sciences to analyze quantitative information. The emphasis is on real world, open-ended problems that involve reading, writing, calculating, synthesizing, and clearly reporting results. Topics include descriptive statistics, linear, and exponential models. Technology used in the course includes computers (spreadsheets, Internet) and graphing calculators.

3 credits

Prerequisite: Appropriate scores on the Math Placement Test. Degree students only.

### College Algebra

**MATH115**

Designed primarily but not exclusively for students seeking a stronger foundation in algebra before taking MATH 129 or MATH 130. Topics include basic algebra concepts, linear equations and inequalities and inequalities, properties of functions, linear and quadratic functions, absolute value equations and inequalities, systems of equations.

3 credits

Prerequisite: MATH 125 or appropriate scores on the Math Placement Test.

### Introductory Statistics

 **MATH125**

Topics include introductory statistics, covering descriptive statistics; introductory probability sufficient to enable development of inferential statistics; and inferential statistics.

3 credits Dist MT

Prerequisite: MATH 114Q or 115 or 124 or 129 or 130 or 140 or appropriate scores on the Math Placement Test.

### Pre-Calculus for Management and Social Science Students

**MATH129**

This course teaches the algebraic and conceptual skills students need to master before they are ready for MATH 134 or MATH 135. The major part of the course then involves the application of linear, quadratic, and exponential models to problems in management and economics. Note: Students intending to take Calculus I and II (MATH 140 and 141) should take MATH 130 instead of MATH 129. Students may take MATH 130 after MATH 129, but only with the explicit permission of the department, and then only for two credits.

Note: Students with grades lower than B in the pre-requisite course will be dropped from the class.

3 credits Dist MT

Prerequisite: Appropriate scores on the Math Placement Test or MATH 115 with a grade of B or better in the previous semester.

### Precalculus

**MATH130**

Preparation for first year calculus. Covers symmetry, graphs, functions, lines, parabolas and max-min problems, exponential and logarithm functions, exponential growth, and the trigonometric functions and their inverses. Note: No student will receive graduation credits for MATH 130 if it is taken after successful completion of any higher math course. Students who have successfully completed MATH 130 may not subsequently take MATH 129 for credit. Students may take MATH 130 after MATH 129 only with explicit permission of the department, and then only for two credits.

Note: Students with grades lower than B in the pre-requisite course will be dropped from the class.

3 credits MT

Prerequisite: Appropriate scores on the Math Placement Test or MATH 115 with a grade of B or better in the previous semester.

**Managerial Calculus****MATH134**

A one-semester course in calculus, with particular emphasis on applications to economics and management. Topics covered include limits, continuity, derivatives, and integrals. Students may not receive graduation credit for both MATH 134 and MATH 135. Students may take MATH 140 after MATH 134, but only with the explicit permission of the department and then only for two credits.

3 credits Dist MT

Prerequisite: MATH 129 or 130 or appropriate scores on the Math Placement Test.

**Calculus I****MATH140**

The first in the sequence of calculus courses for science and math majors. Starts with the basic concepts of functions and limits. Topics covered include: derivatives and their applications, definite and indefinite integrals with applications to geometric and physical problems, and discussion of algebraic and transcendental functions. Note: Math 134 or Math 135 does NOT satisfy the pre-requisites for Math 140 because those courses do not cover trigonometry. Therefore students who complete Math 134 or 135 will have to take and pass placement test C to get into Calculus I. Additionally, students who has received credit for either MATH 134 or MATH 135 may not take MATH 140 for credit without the explicit permission of the department and then only for two credits.

Note: Students with grades lower than B in the pre-requisite course will be dropped from the class.

4 credits Dist MT

Prerequisite: MATH 130 with a grade of B or better in the previous semester, or appropriate scores on the Math Placement Test.

**Calculus II****MATH141**

Continuation of MATH 140. Topics include transcendental functions, techniques of integration, applications of the integral, improper integrals, l'Hospitals rule, sequences, and series. Note: Because MATH 141 is the second part of a three-semester calculus sequence, it should be taken as soon as possible after MATH 140.

4 credits Dist MT

Prerequisite: MATH 140 with grade of C- or better or MATH 145 with grade of C- or better.

**Multivariable Calculus****MATH240**

Differential and integral calculus of functions of several variables. Topics include Euclidean, polar, cylindrical, and spherical coordinates; dot product, cross-product, equations of lines and planes; continuity, partial derivatives, directional, gradient; optimization in several variables; multiple integrals, integrated integrals, change of coordinates, Jacobians, general substitution rule.

Please note: Because MATH 240 is the third part of the calculus sequence, it should be taken as soon as possible after MATH 141. Not student receives graduation credit for MATH 240 if it is taken after successfully completion of MATH 242. Students may take MATH 242 after MATH 240 only with explicit permission of the Department, and then only for one credit.

3 credits

Prerequisite: MATH 141.

**Multivariable and Vector Calculus****MATH242**

Differential and integral calculus of functions of several variables and of vector fields. Topics include Euclidean, polar, cylindrical, and spherical coordinates; dot product, cross-product, equations of lines and planes; continuity, partial derivatives, directional derivatives, optimization in several variables; multiple integrals, iterated integrals, change of coordinates, Jacobians, general substitution rule; curves and surfaces, parametrizations, line integrals, surface integrals; gradient, circulation, flux divergence; conservative, solenoidal vector fields; scalar, vector potential; Green, Gauss, and Stokes theorems. Please note: Because MATH 242 is the final part of a three-semester calculus sequence, it should be taken as soon as possible after MATH 141.

4 credits

Prerequisite: MATH 141.

**Linear Algebra I****MATH260**

Elementary theory of vector spaces. Topics include linear independence, bases, dimension, linear maps and matrices, determinants, orthogonality, eigenvalues and eigenvectors.

3 credits

Prerequisite: MATH 140 or permission of instructor.

**Applied Ordinary Differential Equations****MATH310**

A comprehensive study of the nature of ordinary differential equations. The course includes qualitative analysis of properties of solutions, as well as standard methods for finding explicit solutions to important classes of differential equations. It presents many applications, particularly for linear equations.

3 credits

Prerequisite: MATH 240 or MATH 242 or MATH 242R, and MATH 260 or PHYSIC 114.

**Applied Discrete Mathematics****MATH320L**

An introduction to the mathematical structures and concepts used in computing: sets, mathematical induction, ordered sets, Boolean algebras, predicate calculus, trees, relations and lattice theory. Formal and informal theories and corresponding mathematical proofs are taught.

3 credits

Prerequisite: CS 110 or CS115L and MATH 260 or permission of instructor.

**Probability and Statistics I****MATH345**

This course presents the mathematical laws of random phenomena, including discrete and continuous random variables, expectation and variance, and common probability distributions such as the binomial, Poisson, and normal. Topics also include basic ideas and techniques of statistical analysis.

3 credits

Prerequisite: MATH 141.

## Music

### An Introduction to Music

**MUSIC111**

Basic music materials, principles of design, and the cultural significance of representative works in historical sequence. Designed primarily for non-music majors.

3 credits Dist AR

### World Music

**MUSIC115**

An introduction to the musical traditions of countries throughout the world, embracing the role of music in society, ritual, and culture. Traditional vocal and instrumental styles of folk and traditional music are illustrated through audio and visual materials.

3 credits Dist AR Div I

### Applied Music

**MUSIC185**

Private, individualized study of voice and all instruments covering both performing techniques and musicianship. Open to all students upon payment of an additional fee. Six one-hour lessons during the summer semester. May be repeated for credit. Students must contact the Music Department to register for lessons.

1 credit

Prerequisite: Department permission required.

### American Music

**MUSIC241**

The growth and development of American music in both its rural-folk and urban aspects.

3 credits Dist AR Div U

### Universe of Music

 **MUSIC248**

An introduction to the infinite universe of music from its origins to the present, this course investigates the role of instruments, culture, myth and science in the evolution of music. Illustrations through the medium of the World Wide Web present the concept of music as both communication of ideas and expression of feelings in diverse musical traditions of the world.

3 credits Dist AR Div I

### American Music in Wartime

 **MUSIC258**

The history of the United States goes back only 255 years, yet in that relatively short amount of time the country has been involved in no fewer than ten wars. This course is a survey course examining American wartime composers, their lives, their works, and the events surrounding the composition of patriotic works.

3 credits Dist AR

### Music of Latin America

 **MUSIC268**

This course is an introductory online course dealing with the diverse musical traditions of Latin America, including the role of music in society, ritual, and culture. The result is a comparative study of styles, dances, and instruments, with a certain emphasis given to the development of critical listening skills. Students need access to a computer with Internet sound capabilities. Course subject matter is generally limited to music that has surfaced and developed in Latin America and not as it has developed in the continental United States. Readings will be supplemented by various links as well as the Latin American audio selections available from the Naxos catalogue.

3 credits Dist AR Div I

## Nursing

### Health Promotion and Teaching

**NURSN212**

This general education course introduces students to the principles and practices of health promotion and health education. Students analyze environmental, sociocultural, economic, legal and interpersonal variables affecting individual health behaviors and outcomes. The influence of relationships among individuals, health care providers, and the health care system on health outcomes is evaluated. The course considers dominant models, theories, and perspectives used to explain health behavior in relation to evidence-based health promotion and health education strategies. Emphasis is given to effective communication skills. NURSN 212 is the only course that will satisfy the CNHS Intermediate Seminar requirement for nursing majors.

3 credits

 Prerequisite: ENGL 102, and a First Year Seminar (if required).  
NURSING or EHS students only.

### Life Span Growth and Development

 **NURSN230**

This course is designed to examine theories and concepts of normal growth and development. Ranges in human growth, development and behavior for each stage throughout the life cycle, birth through death, are emphasized. The course explores the influence of family, society and culture on health maintenance behaviors and perceived health needs for each developmental stage.

3 credits

Prerequisite: NURSING students only.

### Pharmacology

 **NURSN314**

The professional, political, legal, and interdisciplinary aspects of drug administration within the context of comprehensive nursing interventions form the basis of this course. Emphasis is given to the nurse's role in assessing, administering, educating, and monitoring patients receiving therapeutic agents; and also to the principles of pharmacodynamics and pharmacokinetics across the life span. Consideration is given to the effect of evidence-based cultural, race, religion, gender, lifestyle, age, and economic variables as related to pharmacological principles.

3 credits

Prerequisite: NURSING students only.

**Introduction to Professional Nursing - Accelerated Track Option**

NURNSG350

This introductory course of the accelerated option in the undergraduate pre-licensure nursing program focuses on core concepts of professional nursing practice, including human beings, environment, health, and nursing. Historical, theoretical, and professional membership perspectives are emphasized. Important health care competencies and concepts, including patient-centered care, teamwork and collaboration, safety, quality improvement, evidence-based practice, and informatics, and established.

3 credits

**Leadership and Professional Practice - Accelerated Option**

NURNSG456

This accelerated course focuses on leadership development for entry-level professional nursing practice. Inter-professional communication, conflict resolution, delegation, and change processes are explored. Building cultures of quality and safety and teamwork in complex health care systems are also addressed. Professional career development, practice regulations, and preparation for licensure are specifically highlighted.

3 credits

Prerequisite: NURSING students only.

**Legal, Ethical and Health Policy and Capstone for RNs**

NURNSG462

This course integrates ethical, legal, and health policy issues in contemporary Nursing. The major ethical principles, several ethical theories and conceptual frameworks, as well as, ethical decision-making models are reviewed. The ANA Code of Ethics with interpretive statements are analyzed in relation to individual practice settings and the nursing profession. Legal implications related to providing nursing care, particularly examples of malpractice, how a bill becomes law, and the legislative process are discussed. Students develop a position paper in memo format on a health policy issue including integration of relevant ethical, legal, legislative and economic implications. Students are responsible for a Capstone paper that presents analysis of individual case studies from the students professional clinical experience integrating concepts of ethical reasoning, policy formation, and legal processes.

6 credits

Prerequisite: NURNSG 360, 361, 362 and 461. RN to BSN students only.

**Philosophy****Introduction to Philosophy**

PHIL100

An introductory examination of the problems and scope of philosophy.

3 credits Dist HU

**Moral and Social Problems**

PHIL108

Important moral and social issues of current concern are examined and debated. The course covers several problems each semester from a list including criminal punishment, war, abortion, racism, violence, the death penalty, private property, sexism, animal rights, the environment, and hunger.

3 credits Dist HU Div U

**Introduction to Logic**

PHIL120

The study of valid reasoning using formal methods of proof with truth functions, deductions, and quantifiers. Analysis of the logical structure of language related to philosophical questions of truth, paradox, and reference.

3 credits Dist MT

**Environmental Ethics**

PHIL220

An examination of humanity's place in the natural world and its implications for ethics. Topics include the environmental crisis and the need for a new environmental ethic, the ethical dimensions of environmental policy issues, human-centered ethics, obligations to future generations, the intrinsic value of the natural world, animal rights, wilderness, and preservation of species.

3 credits Dist HU

**Moral Issues in Medicine**

PHIL222

Concepts of health, illness and healing, under different paradigms of medicine. Is medicine an art or science? What is the impact of medical technology on human life and death? What is considered "natural"? Attention is given to issues in human reproduction (e.g. in vitro fertilization, conception, abortion). Questions of authority, accountability in doctor-patient relationships, patient advocacy, self help, right to health care or to refuse treatment. Social and political questions of health care organization.

3 credits Dist HU

**The Meaning of Life**

PHIL 270G

Reading in this course centers around this question: Does life have meaning? If so, what is it? The course considers whether the question is coherent and whether religion, morality or the search for knowledge are possible answers to it. It also considers arguments that life is meaningless. Finally, discussions focus on what the rational attitude toward death should be. This course may count toward the major in philosophy. Capabilities addressed: Critical reading, critical thinking, clear writing.

3 credits



**Social & Political Philosophy****PHIL380**

Representative problems and themes of social and political philosophy, especially the concepts of human rights, liberty, justice, equality, law, social obligation and the social contract. These topics are explored through the work of classical and contemporary political and social philosophers.

3 credits Dist HU

Prerequisite: Any one or preferably two PHIL courses.

**Physics****College Physics I****PHYSIC107**

Non-calculus introductory physics for life-science students and others with a program requirement for a year of physics at this level. Topics include mechanics, fluids, wave motion, kinetic theory of gases, temperature and heat. Students who need or want laboratory work in physics should enroll concurrently in PHYSIC 181. Note: Students may not receive credit for both PHYSIC 107-108 and 113-114.

3 credits Dist NS

Prerequisite: MATH 130 or equivalent Placement Test scores or permission of instructor.

**College Physics II****PHYSIC108**

A continuation of PHYSIC 107. Topics include thermodynamics, electricity, and magnetism; optics; and a preview of modern physics. Students who need or want laboratory work in physics should enroll concurrently in PHYSIC 182. Note: Students may not receive credit for both PHYSIC 107-108 and 113-114.

3 credits

Dist NS

Prerequisite: PHYSIC 107 or permission of instructor.

**Fundamentals of Physics I (Lecture)****PHYSIC113**

The first semester of calculus-level introductory physics. Topics include mechanics, fluids, waves, kinetic theory, and heat. Students who need or want laboratory work in physics should enroll concurrently in PHYSIC 181. Note: Students may not receive credit for both PHYSIC 107-108 and 113-114.

4 credits Dist NS

Corequisite: MATH 140 and, for PHYSICS majors PHYSIC 181.

**Fundamentals of Physics II****PHYSIC114**

The second semester of calculus-level introductory physics. Topics include thermodynamics, electricity and magnetism, geometrical and wave optics. Students who need or want laboratory work in Physics should enroll concurrently in PHYSIC 182. Note: Students may not receive credit for both PHYSIC 107-108 and 113-114.

4 credits Dist NS

Prerequisite: PHYSIC 113 or permission of instructor.

Corequisite: MATH 141 and, for PHYSICS majors PHYSIC 182.

**Physics Laboratory I****PHYSIC181**

Exploration of basic physical phenomena through laboratory work. Experiments in kinematics, mechanics and hydrostatics. This course is designed to accompany either level of introductory physics.

2 credits

Corequisite: PHYSIC 107 or 113.

**Physics Laboratory II****PHYSIC182**

Exploration of basic physical phenomena through laboratory work. Experiments in thermodynamics, electricity, magnetism and optics. This course is designed to accompany either level of introductory physics.

2 credits

Corequisite: PHYSIC 108 or 114.

**Political Science****Government and Politics of the United States****POLSCI102**

An introduction to the structures, processes, and results of the American governmental system. The course focuses on the national government and national political behavior, although state, regional, and local structures and issues are also introduced. Topics include institutions of government, political principles and ideologies, public opinion, political socialization, political parties, mass media, elections, interest groups, civil rights and civil liberties, public policies and policy making.

3 credits Dist SB

**International Relations (B)****POLSCI220**

This course focuses on basic patterns and concepts which explain interactions among nations. Special attention is given to the role of ideologies, international organizations, conflict resolution, the impact of multinational corporations, underdevelopment, the international dimension of human rights, ethnic, "racial," religious, and gender differences, and the dynamics of globalization.

3 credits Div I

**Political Change and Group Identity (C)****POLSCI307**

The course is concerned with the impact of group identity-racial, religious, ethnic, gender, sexual, class, national-on political systems.

3 credits

**Public Administration (A)****POLSCI325**

A study of the bureaucratic process, emphasizing organizational behavior, changes in administrative institutions and theories, and the political role of bureaucracy.

3 credits

**Third World Development (C)****POLSCI375**

Investigation of theories of interdependence, dependency, and neocolonialism. Special attention to North/South relations, various approaches to development and forms of assistance provided by the industrial countries, resource problems, and other political and developmental issues facing North and South.

3 credits Div I

**Politics of International Economics** **POLSCI410**

This course studies the relationship between the structure of the international political system and the structure of the international economic system, examines the reciprocal links between domestic political and economic policies of governments and their international behavior, and analyzes the socio-political choices which support the development and operation of such transnational institutions as the World Bank, the IMF, multinational corporations, cartels, and trading systems.

3 credits

**Imperialism (B)****POLSCI420**

This course is designed to examine the various purposes (economic, political, social, cultural) served by policies of imperialism, in both its overt and ambiguous forms, as an aspect of international relations in the nineteenth and twentieth and twenty-first centuries--eras marked economically by an international process of industrialization and globalization. Course material consists of analyses and explanations of the imperialist phenomenon advanced by both theoreticians (liberal, Marxist, realist) and practitioners.

3 credits

**War (B)** **POLSCI421**

An advanced course in international relations exploring the problem of war from many points of view, theoretical and practical. These include the history, nature, and causes of war, strategy in the course of war, legal and ethical questions, as well as proposals to avoid war (arms control, disarmament, social revolutions, etc.).

3 credits

**Nationalism****POLSCI 422 (C)**

The politics of nationalism viewed through a theoretical examination of its origins and development; focus on nationalism and patriotism, political violence, national character, nation, communications and state.

3 credits

**American Foreign Policy (B)** **POLSCI424**

Examines United States foreign policy in the post-World War II period. Focuses on both historical and institutional matters. Current issues are also given ample consideration.

3 credits

**Russian Foreign Policy****POLSCI430**

Topics include continuity and change in Russian and Soviet foreign policy, the role of ideology, and national interest, the origin of the Cold War, and Sino-Soviet dispute and Soviet-East European relations.

3 credits

**Psychology****Introductory Psychology****PSYCH100**

A general survey of selected content areas in psychology, including personality and human development, physiological psychology, learning, intelligence, heredity and environment, and motivation and emotion. Please note: Students who have already earned credits for PSYCH 101 may not register for this course.

3 credits Dist SB

**Introduction to Behavioral Research****PSYCH201**

An introduction to the ways of discovering, describing and making warranted assertions about aspects of people and social life. The chief objectives are 1) to help students develop the skills and knowledge necessary to become intelligent critics of research in the behavioral and social sciences, and 2) to give them a rudimentary understanding of the design and evaluation of scientific research. Statistical material is treated in a conceptual manner. Classroom work and course examinations concentrate equally on research design and research evaluation.

3 credits

Prerequisite: PSYCH 100 or 101.

**Asian American Psychology****PSYCH238L**

This course is an introduction to the psychological experience of Asian Americans, including the historical, sociopolitical, and cultural influences that shape personality and mental health in community, family, and individual contexts. The course also explores prevention and intervention possibilities through specific examples, such as trauma and intergenerational conflict, that are relevant for Asian American populations.

3 credits Dist SB Div U

**Statistics****PSYCH270**

The applied study of the scientific method in the behavioral sciences. Fundamental statistical concepts and techniques are surveyed and used, with primary emphasis on the logic underlying the use of descriptive and inferential tools in scientific inquiry. Topics include parametric and non-parametric statistics, e.g., correlation and analysis of variance.

3 credits Dist MT

Prerequisite: PSYCH 100 or 101 and MATH 114 or MATH 115 or placement into Math 125.

**Personality****PSYCH300**

Conceptions of human nature are examined in light of various theories of personality. This course focuses on the theories of Freud, Adler, Sullivan, Erikson, Kelly, Ego psychologists, and other theorists presenting the behavioristic and humanistic perspectives. Among the topics to be addressed are personality structure and its development; stress and coping; neurotic styles; and human motives and their measurement.

3 credits

Prerequisite: PSYCH 100 or 101.

**Psychological Testing****PSYCH301**

An examination of the assessment process and the methods (tests, interviews observations) used in it. Emphasis on the standards of validity for tests and procedures and on proper test use. Introduction to some major psychological tests.

3 credits

Prerequisite: PSYCH 100 or 101.

**Abnormal Psychology****PSYCH315**

This course examines the range of common psychological disorders, their characteristic symptoms, possible causes, and treatment. It takes a critical scientific approach to the criteria used to define psychological abnormality, the theories used to explain it, and the therapies used to treat it. Etiology, dynamics and treatment of psychopathology.

3 credits

Prerequisite: PSYCH 100 or 101.

**Social Psychology** **PSYCH330**

A scientific attempt to understand and explain how the thought, feeling, and behavior of individuals are influenced by the actual, imagined, or implied presence of others; focuses on the drama of social interaction.

3 credits

Prerequisite: PSYCH 100 or 101.

**Social Attitudes and Public Opinion** **PSYCH335**

This course examines the nature of attitudes, beliefs, and values, and the influences which individuals' attitudes have upon their behavior. Various theories of attitude organization and attitude change are discussed, and the development of social attitudes is explored by examining the differential impact of the family, the educational system, the mass media, and the general social environment. The changing content of public opinion over time and its relationship to the political system are also discussed.

3 credits

Prerequisite: PSYCH 330 and 201.

**Communication and Society** **PSYCH337**

This course explores interpersonal interaction and the functional and dysfunctional ways in which communication occurs. Participants examine non-verbal communication, including paralanguage, spacing, and gestures. Additionally, they acquire experience using the Internet, for research purposes as well as for on-line communication with other course participants. Discussions also focus on various aspects of the mass media.

3 credits

**Infancy and Childhood Development****PSYCH341**

This course explores human development from infancy to middle childhood, i.e., from childbirth to ages seven or eight. Major emphasis is given to early perceptual, cognitive, social and affective development bearing the following questions in mind: How does the world of space and objects appear to the infant? How does he or she acquire knowledge and discover reality? How does the child experience the world of people and develop a sense of self? How does the child develop attachments to others and what role is played by the significant people in his or her life?

3 credits

Prerequisite: PSYCH 100 or 101.

**Adolescence****PSYCH342**

This course is designed to acquaint students with psychological characteristics of adolescent development, theoretical approaches to adolescence, and experimental studies of the causes of a variety of behaviors during adolescence. The course also focuses upon major problems and characteristics of adolescents in modern society.

3 credits

Prerequisite: PSYCH 100 or 101.

**Learning and Memory****PSYCH350**

An introduction to current views of behavioral change, learning, and remembering. The course focuses on concepts, theoretical issues and applications of current research.

3 credits

Prerequisite: PSYCH 100 or 101.

**Perception****PSYCH355**

The traditional problems of perception, with focus on the changing theoretical perspectives within which these problems are viewed. Evolution in theory from early elementalistic approaches to the more current concern with perception-personality relationships.

3 credits

Prerequisite: PSYCH 100 or 101.

**Behavioral Neuroscience****PSYCH360**

An overview of the field of neuroscience. Selected topics are neuroanatomy, brain physiology, communication in the central nervous system, immunology, and psychopharmacology. This course also includes a critical discussion of various research techniques. One goal for students is to develop critical thinking skills, as consumers of scientific information.

3 credits

Prerequisite: PSYCH 100 or 101, and PSYCH 105 or any BIOL course

**Psychological Trauma: Individual and Society****PSYCH415**

This course explores the theory, research, and phenomenology of response to such traumatic events as combat, rape, and concentration camp survival. It examines normative psychological processes, common symptom picture, and the developmental, sociocultural, and personality factors that influence response. Discussions also focus on present and past controversies within the research, and on the personal, social, and professional implications of the material.

3 credits

Prerequisite: PSYCH 201 and PSYCH 315.

**Internship in Psychology****PSYCH430**

An internship course to give students the opportunity of combining human service or research in an area of psychology with a weekly seminar where they can reflect on their field experiences. As part of the seminar, students are expected to attend its weekly meetings and to complete readings and a written term project relevant to their field experience as worked out in consultation with the faculty coordinator.

6 credits

Prerequisite: Department permission required.

**The Family and the Child: A Psychological View****PSYCH441**

The role of the family in the psychological development of the child. A psychodynamic view of the family, examining stages of development from the third trimester of pregnancy to sixteen years of age.

3 credits

Prerequisite: PSYCH 201 and 341.

**Psychopharmacology****PSYCH462**

A survey of the background and history of psychoactive drugs, their current uses as research and therapeutic tools, and the difficulties in appraising their effects. Particular attention is given to the effects of drugs on the development of new fields of inquiry such as neuropsychopharmacology and influences on older fields such as biological psychiatry, etc.

3 credits

Prerequisite: PSYCH 201 and 360 or equivalent.

**Sociology****INTERNATIONAL PROGRAMS****Caribbean Studies Summer Institute:  
Puerto Rico & the Virgin Islands**[caps.umb.edu/international](http://caps.umb.edu/international)**Introduction to Sociology****SOCIOL101**

The structure of society, cultural patterns, and group life. The individual and socialization, groups, institutions, social systems, and social change.

3 credits Dist SB

**Introduction to Systems of Criminal Justice****SOCIOL104L**

The goals of the course are to give students a theoretical and empirical foundation of the criminal justice system. Topics will also include the nature of victimization, the inner workings of the criminal justice system and the outcomes for offenders leaving the system. The student will be exposed to the critical issues in justice, be involved in discussions of their impact on American society, and be asked to consider alternative approaches to addressing these issues. In addition, during the discussion of each segment of the American system of justice, comparisons will be made with other developed and developing nations' justice systems.

3 credits

**Social Problems****SOCIOL160**

A course concentrating on institutional formation and change. Specifically, it covers the definition and explanation of social problems, individual, group and governmental responses to them, implications of social policy, in-depth case studies, and discussion of contemporary social problems.

3 credits Dist SB

Prerequisite: SOCIOL 101.

**Youth & Society****SOCIOL201**

An examination of theories and research on youth and society. Present day patterns of youth development are contrasted to other types-born in Western history and in other cultures. The relationship of youth to major institutions (educational, legal, occupational) are examined in detail.

3 credits

Prerequisite: SOCIOL 101.

**Asians in the United States****SOCIOL223L**

This multidisciplinary course examines the social, historical, and structural contexts defining the Asian American experience from 1850 to the present. Topics include immigration, labor, community settlement, ethnicity, stereotypes, and race relations.

3 credits Dist HU Div U

**Southeast Asians in the United States****SOCIOL225L**

This course examines issues arising from the resettlement of one million Vietnamese, Cambodian, and Laotian refugees in the US since 1975. Topics include resettlement policies, adjustment and acculturation, changing roles of women and family, and the continuing impact of international politics. Media presentations and lectures by local Southeast Asian community leaders highlight the course.

3 credits Dist SB Div U

**Asian Women in the United States****SOCIOL228L**

Drawing on women's voices in literature, sociocultural research, and historical analysis, this course examines the experience of Asian women in the United States from 1850 to the present. Topics include the transformation of Asian women's traditional roles as part of the acculturation process; exclusion; changing roles within the Asian American family; resistance to oppression as defined by race, gender, class; and the continuing impact of international politics.

3 credits Dist SB Div U

**The Sociology of Work****SOCIOL232**

Deals with a variety of social issues associated with the division of labor: the structure of occupations and their impact upon workers, sources of satisfaction in work, experiments in redesigning work, and models of workers' participation in the work place.

3 credits

Prerequisite: SOCIOL 101.

**Social Deviance and Control****SOCIOL261**

This course examines the conditions and processes underlying social conformity and deviance. Discussion topics include social definitions of deviance, societal reactions to deviant behavior, deviant subcultures, and social control processes.

3 credits

Prerequisite: SOCIOL 101.

**Criminology** **SOCIOL262L**

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.

3 credits Dist SB

Prerequisite: SOCIOL 101.

**The Sociology of Media and Mass Communication** **SOCIOL300**

This course is concerned with the relationship between mass media and society. It provides an introduction to concepts and issues in the field while examining a variety of media institutions and their products. The course will address media and visual literacy and will involve analysis of visual media in the form of documentary and feature films, television programs and commercials, plus print media.

3 credits

Prerequisite: SOCIOL 101.

**Family Violence****SOCIOL316**

This course seeks to help participants develop a critical understanding of force and violence within the family structure. Emphasis is on violence between spouses, and between children and parents; and on the prevalence, the character, and the causes of such violence. Topics also include society's reaction to family violence, and its policies of control and treatment; and the sexual abuse and exploitation of children and women.

3 credits

Prerequisite: SOCIOL 101.

**Racial and Ethnic Relations****SOCIOL321L**

An examination of racial and ethnic relations in contemporary society, including the history and sociology of the immigration experience, bilingual education, the nature and character of discrimination, neighborhood change, and racial and ethnic conflict.

3 credits Dist SB Div U

Prerequisite: SOCIOL 101.

**The Sociology of Social Movements****SOCIOL331**

Analysis of general characteristics of social movements as vehicles of social change, with a focus on selected historical social movements.

3 credits

Prerequisite: SOCIOL 101.

**Elements of Sociological Theory****SOCIOL341**

Reading and discussion of basic sociological works in theory. Relevance of earlier and contemporary sociological interests and research.

3 credits

Prerequisite: SOCIOL 101.

**Methods of Sociological Research****SOCIOL351L**

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.

3 credits

Prerequisite: SOCIOL 101.

**Juvenile Delinquency****SOCIOL362**

The nature and extent of delinquency. Consideration of theories, delinquent subculture, and programs for control and prevention.

3 credits

Prerequisite: SOCIOL 101.

**Corrections****SOCIOL363L**

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern treatment approaches.

3 credits

Prerequisite: SOCIOL 101 and CRMJUS/SOCIOL 262L.

**Drugs and Society** **SOCIOL367L**

This course examines the social origins and consequences of the use and abuse of consciousness-altering substances (including alcohol). It considers how society defines and deals with drug use and assesses social harm, including such issues as addictions and health effects, drugs and crime, the legislation debate, and drug policy and enforcement.

3 credits Dist SB

Prerequisite: SOCIOL 101.

**The Sociology of Gender** **SOCIOL382**

This course analyzes the sociological determinants and consequences of gender—that is, how societies assign specific expectations, advantages, and disadvantages to people on the basis of the biological fact of their sex. It examines the inequality between men and women that is a feature of the structure of many societies, as well as the social-psychological dimensions influencing individual behavior.

3 credits Dist SB Div U

Prerequisite: SOCIOL 101.

**The Sociology of Mental Health and Illness**      **SOCIOL386L**

The sociological study of mental disorder and well-being in American society. The course emphasizes the study of the prevalence and the incidence of disorder, and theories of its causation. Attention is also given to family and societal reactions to the impaired, and how these responses and definitions influence legal processes, treatment, and illness severity. Social policy is discussed.

3 credits

Prerequisite: SOCIOL 101.

**Internship in Law and Criminal Justice**      **SOCIOL461L**

This course provides an historical and sociological analysis of our state and federal court systems, and considers such issues as the rights of indigent defendants, the bail system, right to counsel, and the adversary nature of some proceedings. In addition to classroom work, students undertake supervised field placements in probation offices, parole boards, district attorneys' offices, and correctional programs.

6 credits

Prerequisite: SOCIOL 101, SOCIOL/CRMJUS 262L and 351L, completion of two of the following: SOCIOL/CRMJUS 363L, 465L, 467L, 90 or more credits, completion of WPE and major in Sociology, Criminal Justice, or minor in Criminal Justice. Department permission required.

**The Police in Society**      **SOCIOL465L**

An examination of police as a system of social control; a survey of major studies of police by sociologists and government commissions. Emphasis placed on police organization, patterns and consequences of police training, historical and cross-cultural perspectives of police systems and studies of police discretion and police-citizen interaction.

3 credits

Prerequisite: SOCIOL 101 and CRMJUS/SOCIOL 262L.

**The Sociology of Law**      **SOCIOL467L**

A general analysis of the social origins and consequences of law and legal process; special emphasis on law as a method of conflict resolution and as a social control structure, and on law and social change. Attention also given to law in other societies, including non-literate societies, to the evolution and development of legal structures, and to patterns of due process and criminal law.

3 credits

Prerequisite: SOCIOL 101 and CRMJUS/SOCIOL 262L.

**Spanish****Elementary Spanish I****SPAN101**

Designed for students with little or no background in the Spanish language. SPAN 101 focuses on the acquisition of basic listening, speaking, reading, and writing skills within a cultural framework. Weekly laboratory attendance and assignments required. Students may not take both SPAN 101 and 105.

4 credits    Dist WL

Prerequisite: The instructor reserves the right to place you in the appropriate course level.

**Elementary Spanish II****SPAN102**

A continuation of SPAN 101. SPAN 102 focuses on furthering the acquisition of basic listening, speaking, reading, and writing skills within a cultural framework. Weekly laboratory attendance and assignments required. Students may not take both SPAN 102 and 106.

4 credits    Dist WL

Prerequisite: SPAN 101 or equivalent, established by placement test.

**Intermediate Spanish I****SPAN201**

This course is designed for students who have completed one year of Spanish at the university level. SPAN 201 is dedicated to developing oral and written proficiency through lectures, conversations, compositions and the practical application of grammar. This course is taught primarily in Spanish.

3 credits    Dist WL

Prerequisite: SPAN 102 or equivalent, established by placement test.

**Intermediate Spanish II****SPAN202**

A continuation of SPAN 201. SPAN 202 is dedicated to further developing oral and written proficiency through lectures, conversations, compositions and the practical application of grammar. This course is taught primarily in Spanish.

3 credits    Dist WL

Prerequisite: SPAN 201 or equivalent, established by placement test.

## Supply Chain Management

### Supply Chain Management

SCSM454L

This course teaches the leading-edge tools and techniques that enable the management of an organization to create sustainable profitable growth by managing the entire supply chain. A supply chain consists of suppliers, manufacturing centers, warehouses, distribution centers, and retail outlets. Supply chain management involves the full synchronization of market demand with flows of materials, information, other resources, and finished products through the entire system of raw materials to retail. The goal of supply chain management is to ensure that merchandise is produced and distributed in the right quantities, to the right locations, at the right time, satisfying service-level requirements while minimizing system-wide costs. Use is made of mathematical and information systems modeling techniques for supply chain management.

3 credits

Prerequisites: At least 60 credits and MSIS 301. MGT students only.

## Theatre Arts

### Introduction to Theatre

THRART 100

This course introduces the collaborative art of theatre from the varied perspectives of playwright, director, designer, technician, actor, critic, and informed audience.

3 credits Dist AR

### Introduction to Acting I

THRART236

Dramatic form as required in acting. A survey of various styles: Greek, Elizabethan, Restoration and Modern; the actor's function, with emphasis on recently evolved methods of acting, and on preparation of scenes in class.

3 credits Dist AR

## Women's Studies

### Women and Society

WOST100

This interdisciplinary course examines how gender interacts with social institutions such as the family, education, the media, organized religion, law and government, and how that interaction shapes human behavior. Students will learn to address controversial issues raised by the feminist movement, and to relate these to their own lived experiences in meaningful and productive ways.

3 credits Dist SB Div U

### Gender in Global Context

WOST110

This course is an introduction to studying women's lives and the gender systems that shape them across cultures and countries, as it examines a variety of global processes and approaches, including patriarchy, colonialism, nationalism, and globalization. Students will consider issues of gender and sexuality by looking at the ways in which people are connected in a network of global flows of capital, ideas, and activism. Topics include: work, poverty, images of the body, violence, faith, and feminism.

3 credits Dist SB Div I

### Women, Culture and Identity

WOST150

This course explores cultural beliefs about women's "nature" and role at different times and places, drawing on materials from literature, including fiction and autobiography, and from history and feminist analysis. Using a thematic rather than a chronological approach, the course will focus on the ways in which intersection of race, class and gender affects the lives and self-concepts of women, in the U.S. and in other societies in the world.

3 credits Dist HU

### Gendered Bodies

WOST210G

This critical look at human bodies in social context begins with the premise that embodiment itself is a socially constructed phenomenon rather than a fixed biological reality. Topics such as the beauty ideal, physical disabilities, and intersexuality will illustrate how perceptions of our bodies are shaped by social processes and how, in turn, these perceptions shape human experience.

3 credits

Prerequisite: ENGL 102, and a minimum of 30 credits. Degree students only. Students may not take more than one 200G (Intermediate Seminar) course.

### Women and the Media

WOST220

This course explores how the historical evolution and commercial orientation of mass communications media have helped shape the depiction of women and gender in advertising, entertainment, and news. Students learn to analyze visual imagery for its conceptual and emotional messages; to distinguish stereotypes from more complex characterizations in TV fictions; and to monitor the representations of women and gender in the print and broadcast news.

3 credits Dist HU

### Women's Health Care

WOST260

This course focuses on women's concerns in relation to health. Topics include health issues unique to women (such as birth control, pregnancy, childbearing); nutrition; occupational health; health and aging; women as health workers; and the history, activities, and influence of the women's health movement.

3 credits

### Women in African Cultures

WOST300L

This course challenges stereotypical constructions of Africa and African woman in mainstream media by considering internal and external historical relationships that have shaped and redefined the cultures, ideas, institutions, politics, and social relations of several specific groups of African women. Through a multi-disciplinary approach, the course addresses issues and challenges of contemporary Africa, and explores many of the themes and concerns that have run throughout Africa's gendered, complex, and changing history. Popular culture sources, as well as scholarly studies and activist writing, will be employed to help illuminate the lived experiences and perspectives of contemporary women living in various African societies.





3 credits Div I

# Graduate Courses

Summer **graduate courses** are drawn from a wide range of UMass Boston master's and doctoral programs; many of these programs are offered through the College of Advancing and Professional Studies. Students may generally apply up to six credits they earn as non-matriculated students toward a graduate degree or certificate; however, successfully completing a graduate course does not imply admission to a graduate program.

Many of these courses are open to any student with a bachelor's degree, but others have prerequisites or require permission of the instructor or the graduate program office. **If you have questions** about your eligibility to enroll in a summer graduate course, turn to the Academic Information section of this bulletin, or for further assistance call 617.287.7900.

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 = Course available online       = Award-winning  
 = International Program       = Green Themed

## Applied Linguistics

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### **Methods and Materials in Bilingual Education**      **APLING615**

This course examines major contemporary theories of learning in bilingual education, with focus on instructional improvement strategies and objectives and procedures of evaluation as they relate to the developmental needs of elementary and secondary bilingual students. Course participants acquire an understanding of the process of developing culturally embedded teaching materials in the areas of art, music, social science, and language arts.

3 credits

Prerequisite: APLING-MA students only.

### **Interdisciplinary Curriculum Development: Contemporary Perspectives on Immigration**      **APLING665**

This course is designed for student teachers, K-12 and adult community-based educators and other interested students who wish to explore the development of content-based ESL curriculum. In particular, the course content will focus on current perspectives on immigration and ways of integrating immigration topics in lesson planning across the curriculum with special emphasis on sheltered English and content-based instruction for English language learners. Students will be challenged to develop lessons which integrate the theme of contemporary perspectives on immigration into their particular content area and instructional context in reference to the Massachusetts Curriculum Frameworks and related benchmarks.

3 credits

### **Teaching Reading in the Bilingual/ESL Classroom**      **APLING673**

Current reading theories are analyzed in reference to bilingual and ESL reading practices. Specific reading methodologies, materials, and strategies are explored.

3 credits

Prerequisite: Graduate students in ENGL only.



## American Studies

### SUMMER INSTITUTE

**Defining “Public” and “Private” in America: Cultural, Social and Political Arguments Past and Present**

[caps.umb.edu/summer\\_programs/institutes/](http://caps.umb.edu/summer_programs/institutes/)

## Anthropology

### INTERNATIONAL PROGRAMS

**Caribbean Studies Summer Institute**

**Field School in Prehistoric Archaeology in Belize**

[caps.umb.edu/international/](http://caps.umb.edu/international/)

### FIELD STUDY

**Field School in Archaeology: Hassanamesit Woods**

**Field School in Archaeology: “Plymouth 400”**

[caps.umb.edu/fieldstudy/](http://caps.umb.edu/fieldstudy/)

## Biochemistry

### Biochemistry I

**BIOCHM583**

In the first of a two-semester sequence, the chemistry of life processes is discussed in terms of structure and biological function of proteins, nucleic acids, carbohydrates, lipids, and other cellular components. Special emphasis is given to protein structure and function, enzymology, carbohydrate metabolism, transport mechanisms, energy transformations, and photosynthesis. It is recommended that BIOCHM 385 be taken concurrently.

3 credits

Prerequisite: Department permission required.

## Biology

### Molecular Biology

**BIOL572**

This course studies the molecular biology and biochemistry of gene expression in prokaryotes and eukaryotes. Topics include DNA structure/physical biochemistry, recombinant DNA technology, techniques in research, DNA synthesis, RNA synthesis, protein synthesis, operons, chromatin structure and gene regulation, oncogenes, hormones and growth factors and signal transductions, transposons, mutagenesis and repair, flowering, photosynthesis, development, circadian rhythms.

3 credits

Prerequisite: Graduate degree student in Biology or permission. Department permission required.

## Business Administration (MBA): Accounting & Finance

### Economics for Managers

**MBAAF601**

Introduces the student to economic principles of particular interest to the firm manager. The course is divided roughly into two parts that deal with macroeconomic and microeconomic issues. In the macro section such key aggregates as gross domestic product, unemployment rate, inflation rate, and balance of payments, which are of importance to the firm manager, are discussed. Discussions focus on a critical examination of how these aggregates are measured and determined in various competing theoretical models. The theory discussed here then serves as an analytical tool in understanding and evaluating economic policies related to such current economic issues as unemployment, inflation, and trade imbalances. In the micro section, emphasis is given to a) the theory of markets, how prices and quantities are determined in markets and factors that affect these prices and quantities; and b) how firms compete in different market environments. Besides concentrating on the theory, special attention is given to how the concepts covered are applied to real-world microeconomic problems.

3 credits

Prerequisite: MBAMS 600 and Graduate degree student in Management.

### Massachusetts In the Global Economy

**MBAAF603**

This course has four goals. It seeks to provide students with 1) an understanding of the evolving business structure of Massachusetts and its place in US and world goods and service industries; 2) an introduction to country and regional analysis, especially macroeconomic analysis and social and organizational analysis, as they pertain to understanding customer-markets, competitors, and comparative investment locations; 3) an introduction to major global economic, technological, and political trends, including changing demographics and regulation, technological “creative destruction,” emerging markets, and transitions to capitalism; and 4) an introduction and overview of industry analysis, focusing on key Massachusetts industries, including financial services and banking, health care products and services, and computer hardware and software. The course involves intensive student research projects and team presentations.

3 credits

Prerequisite: Graduate degree students in Management.

### Accounting for Managers

**MBAAF610**

Instructs students in the fundamentals of financial and managerial accounting. The financial accounting component presents techniques used to measure business transactions, preparation of financial statements, recording and valuation of assets, owners' equity, revenue, cost, and expenses. The managerial accounting component deals with techniques for management decision-making, planning, and control.

3 credits

Prerequisite: MBA AF 601 and Graduate degree student in Management.

**Intermediate Accounting****MBAAF611**

This course acquaints students with financial accounting theory. Particular emphasis is given to the relationship between theory and such practical problems as the limitations of traditional financial statements and asset and current liability items. Students acquire an understanding of issues unique to corporations and complete the study of the balance sheet by examining long-term debt and equity items.

3 credits

Prerequisite: MBA AF 610 and graduate degree student in Management.

**Financial Management****MBAAF620**

This course is intended to provide the student with a sound understanding and appreciation of the principles of corporate finance. The course covers the theory and practice of financial decision making by managers and describes how financial theory can be used to address practical problems and to illuminate institutional aspects of the financial world. Topics include the time value of money, capital budgeting, financial statement analysis, asset valuation, portfolio theory, capital structure, dividend policy, long-term financing, and issues of corporate control. The course enables students to develop the skills and intellectual framework for addressing a variety of financial problems.

3 credits

Prerequisite: MBA AF 610 and Graduate degree student in Management.

**Advanced Corporate Finance****MBAAF621**

This course is a natural extension of MBA AF 620, the core financial management course. It builds on the principles and concepts developed there and introduces such new topics as real options, convertible securities, lending, mergers, and acquisitions.

3 credits

Prerequisite: MBA AF 620 and Graduate degree student in Management.

**Financial Modeling****MBAAF623**

This course introduces the principles and techniques for building financial models, especially in an uncertainty framework. Topics covered include decision support systems, risk analysis, portfolio theory, and capital budgeting under uncertainty. The course integrates financial, accounting, and statistical concepts and techniques to construct financial models and to perform analyses using popular software applications, as well as emphasizing the application of financial modeling techniques in identifying and implementing business solutions. The course is of special interest to students seeking more hands-on experience in constructing financial models and more in-depth knowledge in financial software.

3 credits

Prerequisite: MBA AF 620 and Graduate degree student in Management.

**International Financial Management****MBAAF626**

Describes the body of knowledge, attitudes, and skills required of financial decision-makers operation in a global setting. The phenomenal rise in importance of multinational business finance and concomitant issues is explored in light of recent theoretical and empirical research. Specific topics include foreign exchange, risk management, financing decisions in the long and short run, currency translation, accounting, and taxation.

3 credits

Prerequisite: MBA AF 620 and Graduate degree student in Management.

**Business Administration (MBA): Analysis and Communications****Written Communication for Managers****MBAACM684**

This course stresses fundamental theories and strategies needed for effective writing in diverse management situations. The course perspective is that of the manager in a multi-national organization; the course focus is on the impact of written messages on receivers both internal and external to the organization; the course context is communication in the global marketplace, bearing in mind that although English is used extensively in doing business in the world communication is always influenced by culture. Written communication topics include fundamentals such as audience awareness, organizational strategies, content development, and language control; persuasion; intercultural communication; and message channel choices. The course will be writing intensive.

3 credits

**Business Administration (MBA): Management****Organizational Diagnosis and Change****MBAMGT653**

This course focuses on the theory, research, and techniques of organizational diagnosis and change. Students learn how to engage in systematic structural and behavioral analyses and to design effective strategies for intervention and change.

3 credits

Prerequisite: MBAMGT 650 and Graduate degree student in Management.

**Business and Its Environment****MBAMGT660**

This course looks at the relationship of business to the external environment and considers business in relation to legal, social, political, and economic systems, focusing in particular on the impact of governmental regulation on business. The course also addresses the functioning of the US business enterprise in the context of the international business environment. Finally, through an examination of the role of ethics in management decision-making, the course explores how business organizations can operate effectively and responsibly in the context of the external environment.

3 credits

Prerequisite: Graduate degree student in Management.

**Strategic Management****MBAMGT689**

Considers the diverse situations typically confronted by upper-level management and strategies for managing these situations, using knowledge acquired through study of the MBA Core. These strategies are based on an analysis of the internal conditions of the firm and the constraints and opportunities afforded by the external environment. Students learn to develop strategy implementation plans that provide detailed descriptions of appropriate executive action.

3 credits

**Practicum****MBAMGT698**

By arrangement.

3 credits

Prerequisite: Department permission required.

**Business Administration (MBA):  
Management Science****Mathematical Analysis for Managers****MBAMS600**

This course provides the mathematical skills and applications necessary to pursue graduate study in the College of Management. Topics include a review of basic algebra; graphing; linear, polynomial, exponential, and logarithmic functions; functions of several variables; systems of linear equations; probability; differentiation and integration.

3 credits

**Statistical Analysis for Managers****MBAMS630**

Acquaints students with statistical techniques used in management decision-making and develops their ability to characterize management problems that can be solved by such techniques. Topics include descriptive statistics, probability distributions, sampling, estimation, hypothesis testing, simple and multiple regression and correlation, chi square testing, analysis of variance, and decision theory. Students make use of computers and appropriate software to apply what they are learning.

3 credits

**Operations Management****MBAMS635**

This course familiarizes students with the analysis, planning, and control of operations and operating resources in both production and service organizations. Topics covered include product design and process selection, capacity planning, location and layout decisions, and inventory control. Analytical techniques used in system design and operations planning and control problems are also discussed. Students make use of computers and appropriate software to apply what they are learning.

3 credits

Prerequisite: MBAMS 630 or MSIS 630 or MS 630.  
BUSADM students only.

**Computer and Information Systems****MBAMS640**

This course examines the role of information technology (IT) in supporting an organization's operations, strategy, and change efforts. The course offers a comprehensive review of modern information technology architectures covering current approaches to the organization and management of computer technology, telecommunications, data organization, and information system applications. Major emphasis is given to the critical role that computer technology and information systems methodology play in the re-design of business processes under different organizational settings. The course makes extensive use of case scenarios to describe and to research further some issues involved in the planning, development, and implementation of streamlined organizational processes and information system applications. Some modules may involve the hands-on use of personal computers.

3 credits

**Business Administration (MBA): Marketing****INTERNATIONAL PROGRAMS****Entrepreneurship in the U.S. and China**[caps.umb.edu/international/](http://caps.umb.edu/international/)**Marketing Management****MBAMKT670**

This course focuses on the strategic decisions necessary to match organizational resources with market opportunities. Students learn to analyze market opportunities, to develop marketing plans and marketing mix strategies, and to manage implementation and control of the marketing plan.

3 credits

Prerequisite: MBA AF 610 and Graduate degree student in Management.

**Services Marketing****MBAMKT672**

This course examines what differentiates services marketing from the marketing of products. Special attention is given to the unusually intricate coordination of planning and interaction that the marketing of services requires among the traditional management functions of marketing, operations, human resources, and finance.

3 credits

Prerequisite: MBAMKT 670 and Graduate degree student in Management.

**Database and Internet Marketing** **MBAMKT677**

The contemporary environment requires more demonstrated cost effectiveness from every marketing program than ever before. Meanwhile the customer demands quality, value, service, and quick delivery. The primary way to resolve these potentially conflicting mandates is through information-driven relationship marketing programs. This course examines the customer database as the key element in marketing programs of this type. It considers strategic implications in both business and consumer markets, for both products and services. It pays special attention to the role of interactive media, including the Internet. It aims to develop a reasonable level of technical sophistication in terms of what information technology can and cannot accomplish, but it does not involve hands-on computer applications.

3 credits

Prerequisite: MBAMKT 670 and graduate degree student in Management.

**Counseling****Research and Evaluation in Psychology****COUNSL601**

This course examines several research models and strategies with respect to their various rationales and methodologies. Relevant statistical topics are introduced conceptually, especially as they are applied in research about specific academic settings.

3 credits

Prerequisite: Department permission required.

**Counseling Theory and Practice I****COUNSL614**

The purpose of this course is to provide grounding in the commonalities of counseling techniques and practice in the use of various techniques. The course covers the essentials of interviewing, note taking, and report writing, as well as the role of diagnosis. Tapes and role playing are required.

3 credits

**Child and Adolescent Counseling** **COUNSL617**

This course focuses on facilitating the unique development and emotional growth of children through the counseling process. The course is designed to enhance students' theoretical and practical understanding of the major schools of child psychotherapy. Emphasis is given to a multidimensional view of intervention, with attention to developmental, cognitive, behavioral, educational, multicultural, and environmental issues. Through lectures, videotapes, and structured exercises, students learn a distinct group of interventions, including play and communication skills, as integral components of the therapeutic process.

3 credits

Prerequisite: COUNSL 614. Department permission required

**Collaborative Consultation in Schools** **COUNSL632**

This course provides a theoretical foundation and practical skills in consultation designed to prepare students to apply their professional preparation in education and psychology to solve problems in school settings. Consultation is viewed as a process of collaboration, intervention, and evaluation. An eco-behavioral model of consultation is emphasized. Case studies are used to develop analytical and problem-solving skills. Issues involved in serving diverse student populations are examined. The course is intended to foster an identity as a caring, dedicated, principled, and respectful consultant committed to social justice.

3 credits

Prerequisite: Department permission required.

**Behavioral Counseling** **COUNSL635**

This course provides a rigorous examination of social learning theory as a basis for practice of therapeutic behavioral counseling. Through lectures, readings, demonstrations, and discussions, students become familiar with fundamental techniques of behavioral counseling, including operant, classical, modeling, and cognitive methods.

3 credits

Prerequisite: Department permission required.

**Cultural Diversity in Counseling** **COUNSL653**

This course addresses the role of culture in counseling and psychology by looking both at history and at current issues. Discussions use an interdisciplinary framework to approach the question of counseling in a multicultural society. The course seeks to contribute to both the personal and the professional development of its participants.

3 credits

Prerequisite: Department permission required.

**Child Abuse, Neglect & Trauma** **COUNSL664**

This course addresses the growing problem of child abuse and neglect in American society, exploring the psychodynamic and sociocultural factors that contribute to child abuse. Emphasis is given to prevention, intervention, treatment, and the legal aspects of abuse and neglect.

3 credits

Prerequisite: Department permission required.

## Critical and Creative Thinking



**Institute in Critical and Creative Thinking**

[caps.umb.edu/summer\\_programs/institutes/](http://caps.umb.edu/summer_programs/institutes/)

### Seminar in Critical Thinking: Critical Thinking in Business

**CRCRTH611**

This course provides professionals with critical thinking skills for decision making, problem solving, marketing, sales, understanding customers' perspectives, cause and effect relationships, and detecting flaws and biases in one's thinking. The course is appropriate for professional managers, sales people, accounting, human resources, marketing and business students. It is also appropriate for people who manage social media sites. Emphasis is on practical application of skills.

3 credits

### Seminar in Critical Thinking: Design for Complexities of Life

**CRCRTH611**

Design is about intentionality in construction, which involves a range of materials, a sequence of steps, and principles that inform the choice of material and the steps. Design always involves putting people as well as materials into place, which may happen by working with the known properties of the people and materials, trying out new arrangements, or working around their constraints. Critical thinking involves understanding ideas and practices better when we examine them in relation to alternatives.

In a sense, critical thinking is in design from the start, because design cannot proceed without the idea that there are alternatives to the current way of doing things. This course exposes and explores alternative designs through history, "archeology of the present," and ill-defined problems (in cases of real-world "living complexity" that invite a range of responses).

3 credits

### Seminar in Critical Thinking

**CRCRTH611**

This course involves research on and discussion of important issues of current concern about critical thinking. Issues include critical thinking; logic and knowledge; critical thinking about facts and about values; knowledge in its social context; teaching to be critical; and evaluating critical thinking skills. The course addresses these issues through cases of topical interest.

Note: The thematic emphasis for each semester is described on the program website: [www.cct.umb.edu](http://www.cct.umb.edu).

3 credits

### Seminar in Creativity:

#### Inside the Creative Process: Exploring Blocks and Finding Creative Ground

**CRCRTH612**

Inside the Creative Process: Exploring Blocks and Finding Creative Ground The creative process is a journey through your inner world, where sights along the way are channeled into a product and eventually are shared with the outer world. Because it is a process that relies on self-perceptions, self-truths, beliefs and values, it implies that a system be in place in order to acquire, express and ultimately share this self-knowledge. The personal nature of this process can give rise to creative works, yet at the same time, it can become the weight that causes a fracture in the process. This course will examine the tensions that exist while creating and the blocks they can give rise to. You will gain a clearer understanding of creative individuals and their creative process and explore ways to maintain a healthy approach in your own creative process. Understanding and supporting the link to your inner world will enhance your ability to nurture your own creative spark and strengthen your ability to sustain your creative work.

3 credits

### Seminar in Creativity: Creative Thinking at Work

**CRCRTH612**

Workplaces provide rich opportunities for creative thinking, as we look to address challenges, make decisions, solve problems, and develop innovations that improve the workplace itself along with the communities served by the work that gets done. In this course, students will experience a series of activities and discussions that introduce creative strategies and processes for facing these issues and fostering creative growth within their own professional development. Each session will be a workshop focusing on one aspect of creative thinking in the workplace and led by a facilitator experienced in that area, and several facilitators from diverse fields of work will participate over the three weeks of the course. Students will maintain a written journal of creative practice and develop a project involving the design of a creative strategy to be applied to a personal workplace challenge.

3 credits

### Seminar in Creativity

**CRCRTH612**

This course delves deeply into the theory and practice of promoting creativity, using a specific theme, such as invention and innovation, humor, realizing creative aspiration, building creative communities, as a focus for the readings, discussions, class activities, and semester-long students projects. The course materials, which are drawn from a variety of sources to match the instructors specialty, student interests, and evolving trends in the literature, include biographies, intellectual histories, psychological studies, educational research, the popular media, guest speakers, and outside mentors. Details for the specific semester are publicized in advance by the Program.

3 credits

### Creative Thinking, Collaboration, and Organizational Change

 **CRCRTH618**

Through interactive, experiential sessions and structured assignments, students learn critical and creative approaches to working in organizations. Skills addressed include: communication and team-building; facilitation of participation and collaboration in groups; promotion of learning from a diversity of perspectives; problem-finding and solving; and reflective practice. Students apply these skills to situations that arise in business, schools, social change groups, and other organizations with a view to taking initiative and generating constructive change.

3 credits

### Biomedical Ethics

 **CRCRTH619**

This course develops students' critical thinking about dilemmas in medicine and health care policy, such as those that arise around allocation of scarce resources, criteria for organ transplants, informed consent, experimentation on human subjects, AIDS research, embryo research and selective termination of pregnancy, euthanasia, and physician-assisted suicide. Through such cases the course introduces methods in moral reasoning, rights-based reasoning, decision-making under uncertainty, and utilitarianism in classic and contemporary normative reasoning.

3 credits

### Issues and Controversies in Antiracist and Multicultural Education

 **CRCRTH627**

This course explores two related forms of education-antiracist education and multicultural education-approaching them as issues in moral and value education and exploring controversies in the theories and practices of antiracist and multicultural education. The course deals with both practical and theoretical issues but concentrates more on theory. Specific topics include racism, race, and school achievement; ethnic identity and self-esteem; Afrocentrism; religious pluralism; multiculturalism as a unifying or divisive force.

3 credits

## Education

### Teaching Writing in the K-12 Classroom

 **EDCG621**

This course deals with the teaching of writing, the teacher as writer, and the interactions between reading and writing. Readings and presentations offer up-to-date information, theory, and practical techniques for teaching reading and writing in all subject areas. Students meet regularly in reader-writer response groups to work on their own writing and to respond to one another's writing about reading. There are a number of guest lecture-demonstrations by elementary and secondary teachers who are teacher/consultants with the Boston Writing Project. The course combines writing process theory with practical methods.

3 credits

Prerequisite: Permission of Instructor except in the following cases: MEd w/Initial - Elementary: EDC G 603, 606, 630, and 644, or in (sub) plans MEd w/Prof - Elem-Mid-Second, Post-Mast Cert w/Prof - Elem-Mid-Second, or MEd w/Initial or Prof Licensure.

### New Literacies and Emerging Technologies across the Content Areas

**EDCG648**

This course explores the changing landscape of reading and writing as emerging technologies place new demands, challenges, and opportunities for readers and writers. To do so, this course aims to deepen students' understandings of the reading and writing processes with written, hyper, and multi-modal texts as well as content-specific strategies for assisting K-12 students' development in these processes. This include selecting developmentally appropriate reading materials and composition activities for a range of learners; identifying prerequisite skills, concepts, and vocabulary necessary for content-specific learning activities; and determining which strategies best meet particular content learning objectives. In doing so, techniques for incorporating new technologies into teaching as well as the legal and ethical challenges for both teachers and students will be examined. This course includes a field-based component.

3 credits

## English



### INTERNATIONAL PROGRAMS

#### From Bologna to the Blogosphere: The History of Written Correspondence

[caps.umb.edu/international/](http://caps.umb.edu/international/)

### Studies in Fiction

**ENGL602**

Studies in the nature of prose fiction and its major kinds; topics in the history and sociology of narrative fiction, such as the working class novel, the short story, the prose romance, the historical novel, and studies of representative British and American types in international contexts.

3 credits

Prerequisite: Graduate students in ENGL only.

### The Teaching of Composition

**ENGL610**

This course defines the role of composition in the English curriculum in both college and secondary schools; develops a philosophy of language as a foundation for a method of composing; studies psychological and linguistic aspects of the composing process.

3 credits

Prerequisite: Graduate students in ENGL only.

### The Nature of Narrative

**ENGL623**

This course explores a variety of ways in which modern and contemporary fiction challenge traditional narrative forms. While comparative study of experimentation is the course's main concern, it also examines theories of narration (narratology) as these illuminate the art, reception, and ideologies of twentieth-century fiction.

3 credits

Prerequisite: Graduate students in ENGL only.

**Literary Sites and Spaces****ENGL683**

This course will engage students in literary field work, encouraging experiential learning at libraries, museums, archives, and writers homes and communities. The course creates opportunities for students to explore what happens when a literary text is connected to a literary site, including spaces of literary inspiration, production, reading, and preservation. Each course meeting will feature on-site learned in a literary space, with field trips, workshops, and assignments designed to give the group unique insights into the interpretive possibilities created by field-based research. By working outside of the classroom, students will place literature in new social and historical contexts, while also testing the latest theoretical understandings of literary history, literary and cultural geography, cultures of the book, and the history of the book.

3 credits

**Gerontology****Health and Physical Changes in Aging****GERONGR611**

Those who provide and manage services for the elderly, or are involved in public policy and research concerning the elderly, need knowledge about the physical process of aging. This course describes the physiological changes that accompany the aging process and relates these to social and economic factors that influence health status. Discussion topics include issues of prevention, health promotion and health maintenance, and selected disorders that affect health and independent living.

3 credit

**Social Aspects Aging****GERONGR621**

This course presents a social perspective on the aging process. It considers social factors that influence aging and the nature of the integration of the aged into society, as well as the way in which population aging affects the society as a whole. The course also looks at social theories of aging, paying special attention to changing social roles, social stratification and aging, and the development of institutions for the aged. Gender, race, ethnicity, and class are discussed as social categories that influence aging and that play a role in the determination of social policy for the aged. Readings on the status, role, and culture of the aged are drawn from the literature of sociology, economics, and anthropology.

3 credits

**Psychology of Aging****GERONGR628**

This course focuses on psychosocial processes throughout the second half of life, from middle age through the "young old" and "old old" years. It addresses both normal aging and psychopathology. Of special concern is the question of whether there are any systematic intrinsic psychological or personality changes associated with development in later life. The course also focuses on the processes used to cope with age-associated transitions ranging from the empty nest to impending death. It explores theoretical models for understanding coping and adaptation, developmental changes, and psychopathology. Other topics include clarification of the causes and nature of the most common psychopathologies, depression, and Alzheimer's disease; and the psychodynamics of institutionalization and family care of the very old.

3 credits

**Marketing of Aging Services****GERONGR645**

This course examines marketing principles as applied to aging services organizations. Students will learn about marketing concepts, objectives, and brand names. The course will also explore the current structure of aging organizations in Massachusetts and relate these to current marketing principles and strategies. Students will learn to apply marketing concepts to effectively manage and operate an aging services organization. This course provides students with the opportunity to see how marketing principles and practice come together within the context of various types of aging services organizations in Massachusetts.

3 credits

**Service Delivery Issues in Aging****GERONGR650**

This course focuses on the links between consumers and aging services in organizational settings with well-developed formal services. The aim of the course is to provide students with an understanding of the structural problems that underlie the challenges that consumers face in using formal services. The course covers a wide range of services that older people may need, the complementary relationship between formal and informal services, boundary issues among service specialties, boundary issues among service specialties and service professionals, service coordination and integration, and the role of both consumer directional and professional case management in negotiating service systems.

3 credits

**Organization and Financing of Aging Services****GERONGR660**

This course is offered as a core course in the aging service track of the Masters in Gerontology. Students who are interested in pursuing career opportunities in management of long term care organizations will benefit from this course content. The influences of organizational and financial forces upon aging service are analyzed in this course. Three sources of public financing -- Medicare, Medicaid, and the Older Americans Act -- are examined in depth. The relative strengths of public and private financing are examined with attention to both access and quality issues. It is assumed that the student do not have any background knowledge of accounting and finance. Therefore, foundational elements in accounting and finance will be covered in this course. The student will acquire an understanding of accounting principles, economic decision-making and industry factors as they pertain to aging service agencies.

3 credits

**Capstone Project Seminar in Management of Aging Services****GERONGR692**

This capstone offers each student the opportunity to develop a special project in his or her specific area of interest. This includes researching the topic, identifying an issue, developing strategy and a work plan, and establishing a timeline and implementation schedule. The course is intended to assist students in implementing their knowledge and skills developed during their course of study. Projects undertaken should evidence an understanding and mastery of areas such as policy development an analysis, program management, administration, and finance. The course is also intended to show student mastery of self-direction and task management. Students are expected to take this class at or near the end of their course of study in the Management of Aging Services Masters Program.

3 credits

## Global Reconstruction Studies

### Social Vulnerability to Disasters

CRSCAD501

By means of a multi-disciplinary approach, this course introduces students to an understanding of hazards and disasters grounded in social vulnerability analysis. It examines different theories of social vulnerabilities as well as the historical, geographical, social, and cultural factors and conditions that put people differentially at risk before, during, and after disasters. In particular, the course focuses on global, national, regional, and local patterns of development. Students will explore how vulnerable social groups are affected by and cope with various types of disasters, and strategies for community-based mitigation engaging those most at risk.

3 credits

### Migrants and Refugees

CRSCAD522

This course will provide students with a broad overview of challenges faced by migrant and refugee populations that have been displaced by socio-political upheavals and natural disasters.

3 credits

## History

### Research Seminar: World War I

HIST600

This is the introductory course in historical research and methods. Readings draw upon diverse historical materials, with special attention to primary materials. Emphasis is given to the development of research and writing skills. It is normally taught in American history.

3 credits

Prerequisite: Graduate degree student.

### Immigration and Ethnicity

HIST662

This graduate-level seminar will provide students with an in-depth look at the history of American immigration and ethnicity. The course will look at four basic themes: the diverse experiences of immigrants; the reaction to immigrants from native-born Americans; the policies and laws directed towards immigrants; and the creation of ethnic and national identities. The readings will present students with a broad overview of American immigration history, as well as some pertinent topics in recent historiography. We will read the works of historians, sociologists and political scientists.

3 credits

### Teaching the Advanced Placement History Course

HIST692

Teaching the Advanced Placement History course addresses the teaching in the College Boards Advanced Placement program and explores the problems associated with teaching across the K-12 and higher education divide. It also will provide the student with a research opportunity in a subject that will address the problems associated with teaching a collegiate subject in a school setting.

3 credits

## Instructional Design

### Introduction to Instructional Design

INSDSG601

This course provides an introduction to the cognitive and experiential content of the program, emphasizing the components of the instructional design model. Various instruction design models are analyzed and students are expected to complete, as a final project a learning module micro-design.

3 credits

### Selection and Evaluation of Instructional Materials

INSDSG603

This course analyzes the factors that determine the selection, evaluation, and utilization of materials used in instructional design. It studies the comparative instructional value of a wide range of electronic and print materials. At the end of the course, students will be able to choose materials on the basis of cost effectiveness, technical quality, teaching-learning mode, physical facilities, and availability of technologies.

3 credits

Prerequisite: INSDSG 601 or permission of instructor.

### Video Principles for Instructional Design

INSDSG610

This course provides a comprehensive introduction to video production theory and technique, including the study of principles for analyzing and synthesizing information, and of some basic video instructional formats. The goal is to equip those responsible for developing instructional materials with the skills they need in order to work with video professionals in creating, designing, and producing instructional video programs.

3 credits

Prerequisite: INSDSG 601 or permission of instructor.

### Instructional Strategies and the Adult Learner

INSDSG612

This course is designed to assist participants in making classroom training more effective. Emphasis is on instructor roles and tasks, determining learning styles, and selecting appropriate techniques. Techniques focus on stand-up teaching skills, including lecture, question-and-answer, discussion and facilitation, as well as common media formats, role-playing, games and simulations, and case studies.

3 credits

Prerequisite: INSDSG 602 and Graduate Degree Student.

### Assessment in the Instructional Design Process

INSDSG618

This course examines assessment in all phases of the instructional design process, including needs analysis and the various stages of formative and summative evaluation. Topics include various types of data, techniques for data gathering, the construction of questionnaires, a hands-on review of computer programs, and characteristic issues in the analysis and interpretation of assessment. The course also offers practical experience in the use of representative measures and applications.

3 credits

Prerequisite: INSDSG 601 and matriculated student in Instructional Design or permission of instructor.



**Assessment of Educational Technologies**

INSDSG650

This course on formative and summative evaluation brings the students' practical experience in computers and multimedia together with the study of the ways these technologies get used in the classroom. Students examine the formative evaluation process for technology-based programs in corporate training programs and school curricula. By obtaining feedback from representatives of the target audience in the early stages of a product's development, the developer can assure that it meets goals while staying within its budget. Formative evaluation plans are now required by most funding sources and corporations. Summative evaluation—the evaluation of an educational product at the end of its development process—is a way to determine whether the project has met its goals. Students learn to apply these assessment procedures in a project based on a real-world application.

3 credits

Prerequisite: INSDSG 601. Masters in Instructional Design student or permission.

**Theory, Design, and Practice of Online Synchronous Learning**

INSDSG653

In this course students will explore instructional design theory and review current research trends to uncover best practices and strategies in the development and delivery of effective synchronous learning sessions. Students will focus on common tools available in synchronous learning environments, cultivate facilitation skills, and gain practical experience in the design and delivery of effective synchronous learning sessions.

3 credits

**Independent Study**

INSDSG696

The comprehensive study of a particular topic or area in instructional design, as determined by the needs of the individual student. The student works under the guidance and supervision of the instructor.

1-6 credits

**Internship**

INSDSG698

By arrangement with the department.

3 credits

**Latin****Caesar**

LATIN602

This course will focus on selections from Julius Caesars Commentarii, including selections from De Bello Gallico and De Bello Civile, interspersed with selections from the letters and works of Caesars contemporaries and the later Roman historians. Examination of maps, photographs, and brief topical essays will provide the background necessary to understand Caesars works and campaigns. Some emphasis will be laid on modern scholarship devoted to Caesar. Course goals include not only reading a significant portion of Caesars extant works, but also gaining an appreciation of his style as a writer, along with a understanding of his place in Roman history. Teachers enrolled in the course should expect to gain a good background for teaching Caesar in the AP curriculum.

3 credits

**Mathematics****Probability & Statistics I for Secondary Teachers**

MATH545

This course presents the mathematical laws of random phenomena, including discrete and continuous random variables, expectation and variance, and common probability distributions such as the binomial, Poisson, and normal distributions. Topics also include basic ideas and techniques of statistical analysis.

3 credits

**Management Science and Information Systems****Business Data Communications & Computer Networks**

MSIS614

This course develops a managerial level of technical knowledge and terminology for data, voice, image, and video communications and computer networks to effectively communicate with technical, operational and management personnel in telecommunications. Students are expected to understand the concepts, models, architectures, protocols, standards, and security for the design, implementation, and management of digital networks and apply data communications concepts to situations encountered in industry; learn general concepts and techniques of local area networks (LAN), wireless local area networks (WLAN), and wide area networks (WAN); and understand the technology of the Internet and the regulatory environment. Other topics introduced include network operating systems, e-commerce and associated web sites and practices, as well as middleware for wireless systems, multimedia, and conferencing.

3 credits

Prerequisite: MBAMS 640 or MSIS 640 or MS 640. BUSADM students only.

**Business Computer Forensics and Incident Response MSIS627**

This course provides a strategic exploration into the prevention and response to intentional abuse of business information systems. This abuse frequently leads to diversion of resources, interruptions of service and corruption of data and develop into a variety of losses that can seriously impair an organization's performance. Students will be prepared to plan and manage organizational incident and forensics preparedness, including information security policies, information controls, information practices, incident response plans, forensic readiness, and preservation of evidence in the form of electronically stored information. The course includes experiments in the use of forensics tools for investigation of organizational policy violations.

3 credits

**Operational Risk Management****MSIS631**

This course discusses the role of operational risk management in different aspect of business. The course starts with a session of definitions and preliminary discussions to show the big picture of the risk management discipline. The course then shows how different risks that an organization faces can be categorized according to their natures, probabilities and impacts. This is followed by describing how the probability of these risks can be reduced and how the impacts can be mitigated. The course finally focuses on how an organization can recover faster and more efficiently from a realized risk. Throughout this course, the emphasis is to show not only the importance of managing the inevitable risks as source of opportunity for organizations. This course is different form financial risk management sicne it does not discuss financial instruments to hedge against risks. Rather it tries to show how operational decisions can influence the probability and impacts of different types of risks. In addition, this class disc uses how to plan for recovery process.

3 credits

**Healthcare Operations Management****MSIS636**

Operations Management studies the design and management of the processes that transform inputs into finished goods or services. Operations are one of the primary functions of any organization. This course focuses on ways and means to improve healthcare operations, with specific focus on the use of analytical methods and techniques to improve healthcare processes. Topics include reducing patient wait times, measuring productivity, streamlining process flows, tracking outcomes and performance metrics, capacity management, healthcare supply chain and generally improving health management processes. The level of analysis varies considerably from operations strategy to daily control of business processes. The objective of this course is to assist students in building the skills necessary to participate actively in decision-making involving healthcare management issues.

3 credits

**Nursing****How to Register for Graduate Nursing Programs**

For further information, please visit [www.umb.edu/academics/caps/moreinfo/registration/how/nursing/](http://www.umb.edu/academics/caps/moreinfo/registration/how/nursing/)

**Evidenced Based Teaching Practices****NURSN607**

This course is designed to assist current and aspiring nurse educators acquired foundational knowledge for effective teaching and learning practices. This course explores current conceptual frameworks, theories, and evidence-based pedagogical practices within the nursing education discipline. Practical application of key concepts for culturally inclusive teaching in varied learning environments is particularly emphasized.

3 credits

Prerequisite: Department permission required.

**Advanced Pathophysiology****NURSN614**

This course focuses on the analysis, interpretation, and evaluation of pathophysiological processes throughout the lifespan. Relevant research is integrated into evidenced-based nursing practice.

3 credits

Prerequisite: Department permission required.

**Advanced Health Assessment****NURSN615**

This course focuses on the development of advanced practice nursing skills in health assessment for urban populations. Concepts, theories and research on human development, anticipatory guidance, prevention and early detection of risk factors and disease are emphasized. Critical thinking, diagnostic reasoning and communication skills are developed through practice with cases guided vignettes and simulated practice experiences specific to the students area of advanced practice nursing in the college laboratory.

3 credits

Prerequisite: Department permission required.

Prerequisite or Corequisite: NURSN614. Graduate student in Nursing.

**Health Policy, Finance, Ethics****NURSN618**

This course is designed to examine how ethical, financial, and health policy issues and concerns are linked in the health care delivery system. The role of the nurse in developing a professional ethical framework, understanding the economic implications of health care, and shaping and formulating health policy will be stressed. Several decision-making models and strategies in health policy, finances, and ethics will be compared. Relevant research in health policy, finances, and ethics will be analyzed.

3 credits

Prerequisite: Department permission required.

**Advanced Pharmacology****NURSN634**

The course focuses on the role of advanced practice nurses in applying pharmacotherapeutics to the management of health and illness in populations at risk for morbidity and mortality. Students acquire advanced knowledge as a foundation for prescribing and monitoring pharmaceutical and alternative therapeutic agents. Emphasis is placed on synthesis of pharmacokinetics and pharmacodynamics principles for the prevention and treatment of acute and chronic illnesses. Evidence-based outcomes, consensus guidelines, and research studies are critiqued. Ethical, legal, and risk-management issues are discussed.

3 credits

Prerequisite or Corequisite: NURSN614. Graduate student in Nursing. Department permission required.

**Mental and Psychosocial Health of the Urban Family****NURSN637**

Multicultural individuals and families at risk for mental and psychosocial problems are considered within the context of urban living. Nursing theory and research is applied to developing processes of care for individuals across the lifespan with mental health and psychosocial problems. Students learn evidence-based care including cognitive-behavioral, psychopharmacological, and non-traditional approaches to psychosocial and related physical problems. Research related to environmental, psychosocial, genetic, economic, family systems, developmental risk factors, drug efficacy and nonpharmacological approaches for individuals with mental and psychosocial illness is investigated. The impact of contemporary health care policy and legislative proposals on quality, cost, and access to care is investigated.

3 credits

Prerequisite: Department permission required.

**Primary Care of Adults** **NURSN639**

Students examine the nursing and health related theory and research applied to the primary care management of adults with episodic and chronic illness. Diagnostic, therapeutic, and pharmacological regimens are examined. Legal, ethical, and health policy issues that impact the delivery of primary health services are integrated. Continued emphasis is placed on developing social cultural sensitivity to the variations in health care needs of urban populations.

3 credits

Prerequisite: Department permission required.

**Primary Care of Older Adults** **NURSN671**

This course focuses on the health care issues and needs of elders across the care continuum of acute, chronic, community, and long-term-care settings. Aspects of physical, emotional, and social aging across the lifespan are explored utilizing various theoretical perspectives and models. The assessment, teaching-coaching, and management roles of the advanced practice gerontological nurse in relation to acute and chronic health conditions of the older adult are emphasized. The complex interplay of the political, economic, legal, and ethical factors that influence health care delivery to older adults is examined.

3 credits

Prerequisite: NURSN639. Graduate student in Nursing. Department permission required.

**Primary Care of the Adult/Older Adult Practicum III** **NURSN672**

Students further refine skills in critical thinking and clinical reasoning in the application of theory and research to practice. Assessment, diagnostic, therapeutic, and health teaching strategies are applied to a continuum of health promotion/illness problems, with a focus on the primary care of adults and older adults across the continuum of care. Seminars are grounded in learning the application of theory and research to the domains of practice of the adult/gerontological nurse practitioner, including the management of patient health and illness and the teaching-coaching function of the nurse practitioner and ensuring the quality of health care practices. Interdisciplinary collaborative practice skills are developed. Students develop role competencies under the supervision of nurse practitioner preceptors and faculty in urban health care settings.

6 credits

Prerequisite: NURSN670. Graduate student in Nursing. Department permission required.

Prerequisite or Corequisite: NURSN671 and 680.

**Primary Care of the Family Practicum II** **NURSN680**

Family nursing theory and research are further integrated as students develop competencies in their role as family nurse practitioner. Under the supervision of nurse practitioners and faculty, students manage and coordinate primary care for multicultural urban families experiencing a continuum of health promotion, episodic, and chronic illness problems. The diagnostic, therapeutic, evaluative, consultative, and teaching functions of the nurse practitioner role are examined within a professional, ethical and legal framework. Skills in collaborative interdisciplinary practice are emphasized. Seminar discussions include an exploration of the health policy issues that influence the delivery of health care to underserved urban families and communities.

6 credits

Prerequisite or Corequisite: NURSN639. Graduate student in Nursing. Department permission required.

**Primary Care of the Childbearing Family** **NURSN681**

Students integrate research from the pathophysiological, behavioral, social, and nursing sciences. The primary care needs of multicultural families in urban communities are addressed. Problems of women, infants, and children are analyzed within a family nurse practitioner framework for practice. Evidence-based laboratory, diagnostic, therapeutic, and pharmacological plans of care are applied to problem management. Emphasis is placed on developing advanced competence in the management of common health and illness. Health policies, including cost, quality, access to care, and evaluation and management guidelines for reimbursement, are integrated throughout the course.

3 credits

Prerequisite: Department permission required.

**Primary Care of the Family Practicum III and Capstone** **NURSN682**

Students further refine skills in critical thinking in the application of theory and research to practice. Assessment, diagnostic, therapeutic, and health teaching strategies are applied to a continuum of health promotion/illness problems with a focus on the primary care of women, infants, and children. Seminars are grounded in learning the application of theory and research to the domains of practice of the family nurse practitioner, including the management of patient health and illness and the teaching-coaching function of the nurse practitioner and ensuring the quality of health care practices. Interdisciplinary collaborative practice skills are developed. Students develop role competencies under the supervision of nurse practitioner preceptors and faculty in urban health care settings.

6 credits


Prerequisite or Corequisite: NURSN681. Graduate student in Nursing. Department permission required.

**Introduction to Biostatistics: Biostatistics I**  **NURSN760**

This is the first course in a two-semester Biostatistics sequence. The course introduces students to the basic concepts and methods of biostatistics. The course is focused on some fundamental theories of biostatistics and basic methods of statistical inference at a conceptual level. It also covers some important topics in study design, such as different types of study design, sampling methods, sample size, and power calculation. Students will understand the concepts and methods of statistics, and apply them in critiquing literature in the field of clinical and population based research.

3 credits

Prerequisite: Department permission required.

**Independent Study**  **NURSN796**

Students wishing to enroll in this course should present to the faculty a well-defined problem for investigation. Plans for advanced study should be established at the beginning of the semester during which the student wishes to take the course. The study will be conducted in consultation and collaboration with the student's faculty advisor, and documented in a report at the end of the semester.

1-6 credits

Prerequisite: Department permission required.

## Spanish

**Perspectives on the Spanish-Speaking Worlds**  **SPAN503**

This course, taught entirely in Spanish with occasional reading in English, is specifically designed for pre-service and in-service teachers of Spanish. It will examine the various geographic and cultural traditions that make up today's Spanish-speaking worlds. In so doing, the course will prepare teachers to develop connections between course content and the Massachusetts Curriculum Frameworks for Foreign Languages and the National Standards for Foreign Language Teaching. The course is interdisciplinary. Topics to be studied in depth include issues of national and cultural identity, social life, and cultural production.

3 credits

## Special Education

**Computers in Special Education**  **SPEG684**

Universal Design for Learning is the model used for evaluating software and assessing school-specific and classroom-specific uses of technology to support the learning of students with special needs. The course focuses on curriculum applications of technology that can improve the learning opportunities for all students, especially those with special needs, and enhance their problem-solving capabilities, organization skills, and social competence. Attention is also given to adaptive computing technologies that help students compensate for visual, auditory, motor, and/or cognitive limitations.

3 credits

Prerequisite: Graduate degree student in Special Education.



# Special Summer Programs

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# International Programs



UMass Boston's summer international programs will expose you to an array of unique cultures, people, politics, histories, languages, arts, and archaeological treasures. Every program is accompanied by an experienced UMass Boston professor.

Please note that program fees do not cover all costs associated with the program; for more details, go to [caps.umb.edu/international](http://caps.umb.edu/international), or contact Jennifer Goode-Sollis ([Jennifer.Goode@umb.edu](mailto:Jennifer.Goode@umb.edu); 617.287.6995). Passports will be required for most programs and visas will be required for travel to China.

**To apply for any of these programs, please contact Jennifer Goode-Sollis ([Jennifer.Goode@umb.edu](mailto:Jennifer.Goode@umb.edu); 617.287.6995).**

*The following programs are subject to change at any time due to circumstances beyond our control; this includes any and all fees, dates, itinerary, and program activities. We will do our reasonable best to inform all applicants of any changes in as timely a manner as possible.*

## Maya Archaeology Field School in Belize

**Belize, Central America**

**June 16-July 10**

This summer the Anthropology Department will offer a field school on Mayan archaeology in Belize, Central America. The project area and field camp are located in a tropical rainforest within the Programme for Belize Conservation Area—a protected reserve for flora, fauna, and archaeological remains. This summer season will include a number of different investigations, such as support population studies (survey, mapping, and excavation) at several localities, small site excavation, and the excavation of agricultural features

\$3095  
6 credits (ANTH 485)

\$3425  
6 credits (ANTH 685)

**i** For program details, contact:  
Professor Lauren A. Sullivan  
[lauren.sullivan@umb.edu](mailto:lauren.sullivan@umb.edu); 617.287.6850

Application deadline: April 15. Applications received after this date will be considered if space is available.



**BELIZE EXCAVATION**

## Caribbean Studies Summer Institute: Caribbean Society and Culture in Comparative Perspective

**Cayey and Vieques, Puerto Rico; St. Croix  
and St. Thomas, Virgin Islands**

**June 9-July 5**

This program offers students an interdisciplinary approach integrating sociological, anthropological, and historical perspectives, to the study of Puerto Rican and Caribbean society and culture. Students will be introduced to key social-scientific concepts such as race, ethnicity, nation, culture, and their relevance or irrelevance in the attempt to understand Caribbean cultures and identities. The program combines classroom instruction with field experience, including presentations by guest speakers and visiting multiple Caribbean islands.

Jointly directed and taught by Jorge Capetillo-Ponce, UMass Boston; Luis Galanes, University of Puerto Rico at Cayey; Julian Jefferies, California State University at Fullerton.

*Please note: Although no passport is needed to visit Puerto Rico, a territory of the United States, a passport is required for entry to the British Virgin Islands.*

\$4850

9 credits (ANTH 274, SOCIOL 321L,  
and either ANTH 478 or SOCIOL 478)

**i** For program details, contact:  
Professor Jorge Capetillo-Ponce  
jorge.capetillo@umb.edu; 617.287.6284

Application deadline: April 25

## China Today: Culture, History and Society

An extraordinary opportunity to learn firsthand about China. The focus will be on important current issues that include economic development, urban-rural divide, regional diversity, environmental challenge, and popular culture. Students visit "off the beaten path" sites such as, organic farms, schools for families of migrant workers, a "green economy" factory, and even an old factory complex now home to many avant-garde art galleries. Students will also tour historic landmarks and sites including the Great Wall of China, the Forbidden City, and Tiananmen Square.

**Beijing, Harbin, Dalian**

**June 6-June 22**

\$ TBA

3 credits (HIST 478 or ASIAN 480)

\$550, Optional Independent Study  
3 credits (HIST 488 or ASIAN 478)

**i** For program details, contact:  
Professor Weili Ye, weili.ye@umb.edu.

Application deadline: April 4

## Entrepreneurship in the US and China

This course will offer students an in-depth look at how business is conducted in China, the impact of Chinese culture on business practice, and potential business opportunities that exist there, visit Chinese and multinational corporations in different industries and interview the executives of those corporations.

Participants will visit three cities in China: Beijing, the current Chinese capital and the political and cultural center of the country; Harbin, the capital city of Heilongjiang province which borders Siberia, Russia; and Dalian, a beautiful coastal city, home to China's first Economical and Technological Development Zone. Cultural tours include the Great Wall, The Forbidden City, Heaven Lake, and Changbai Mountain, as well as This course will count toward the specialization of student's choice and will satisfy the International Business requirement.

**Beijing, Harbin, Dalian**

**June 6-June 22**

\$TBA

3 Credits in specialization of student's choice

\$TBA

3 Credits, Optional Independent Study

**i** For program details, contact:  
Professor Raymond Liu  
617.287.7739  
raymond.liu@umb.edu

Application deadline: April 4.

Early applications are strongly encouraged since space is limited.

## Haiti & the Dominican Republic Today: Crossing Boundaries

This year the Haiti Today program will focus on the understanding of border cultures between two independent nations which share one island, the island of Hispaniola. The program, one of the first of its kind, will explore the migration history, politics, culture, and the economic and social developments taking place in the two nations from both external and internal perspectives. It will facilitate students' understanding of Haiti and the Dominican Republic through total immersion into culture, environment, language, and each country's economic, political and social realities.

**Haiti & the Dominican Republic**

**July 7-August 1**

Program fee is \$TBA

3-6 credits (AFRSTY 480 and AFRSTY 478).

**i** For program details, contact:  
Professor Marc Prou  
marc.prou@umb.edu; 617.287.6796

Application deadline: April 25. Applications received after this date will be considered if space is available.

**... superbly prepared, very  
knowledgeable and  
taught with such passion.**

## Food and Culture: The Italian Experience

This award-winning 3-week study abroad program will be a faculty-led experience to one of the most beautiful and culturally significant regions in the world — Tuscany, Italy. The course will be an intensive, full-immersion academic and cultural exploration centered on the theme of Food and Culture in the perfectly preserved, magical medieval city of Siena. No previous knowledge of Italian is required; all that is required is a love for Italian food and culture.

*Cucina e Conversazione* - An important component of this course will be “Cucina e conversazione”: an integrated cooking and language class with Chef Angelo Guida.

### Siena, Italy

June 6-27

\$2499 with 15 or less students  
 \$2899 with 14 or more students  
 3 credits (ITAL 290)  
 3 credits, optional (Italian language)

**i** For program details, contact:  
 Vetri Nathan, PhD  
 Vetri.Nathan@umb.edu

Application deadline: March 14, 2014

## From Bologna to the Blogosphere: The History of Written Correspondence

The University of Bologna is the oldest continuously operating university in the world; it is also the birthplace of letter-writing conventions that persist to the present day. In this course, students will examine written correspondence from its origins in medieval Bologna to its digital environments in the texts and tweets of today in order to identify the rhetorical principles that shape interactions between writers and their audiences over time.

Participants will attend morning seminars at the University of Bologna, engage in hands-on manuscript study in medieval archives throughout Bologna, and document digitization or social networking projects.

### Bologna, Italy

June 22 - July 5

\$2699 with 10-13 students  
 \$2499 with 14 or more students  
 3 credits (ENGL 379)  
 3 credits (ENGL 697)

For English majors and minors: this course can count toward your major or minor degree requirements.

**i** For program details, contact:  
 Alex Mueller, PhD  
 Alex.Mueller@umb.edu

Application deadline: March 15, 2014. Applications received after this date will be considered if space is available.

## The Cities of Vesuvius: Ancient Greeks & Romans on the Bay of Naples

This program will take you on a guided journey through the famous sites of mythology and history of the Bay of Naples: Odysseus' encounter with the Sirens in Homer's *Odyssey*; where Aeneas consulted the Sibyl of Cumae in Vergil's *Aeneid*; the colonizing Greeks and their cities at Pithecussai (Ischia) and Cumae; the Greek alphabet that became the basis of the Latin, and later the English, alphabet; decisive moments in the Punic, Social, and Slave Wars of the Roman Republic; and both Hannibal and Spartacus fought battles here.

The eruption of Mt. Vesuvius in 79 AD made this the graveyard of Pompeii, Herculaneum, and hundreds of lavish Roman villas. We will visit the archaeological sites and the several museums which preserve the artifacts from two millennia of Greco-Roman culture.

### Cuma, Italy

July 13-24

\$2,599 with 15 or more students  
 \$2,099 with 10-14 students

3 credits (CLSICS 278)

There is a non-credit option available.

**i** For program details, contact:  
 Randall Colaizzi, PhD  
 Randall.Colaizzi@umb.edu

Application deadline: April 18, 2014. Applications received after this date will be considered if space is available.





# Field Study, Off-Campus Programs & Summer Institutes

Field study programs, off-campus programs and summer institutes are opportunities to immerse yourself in an active summer learning experience that transcends conventional classroom routines. You'll be rolling up your sleeves and getting your hands dirty, whether you're taking part in an archaeological dig, finding inspiration in the light, landscape, flora and fauna of Nantucket Island, or joining fellow scholars and professionals for in-depth exploration of topics in American studies, languages, and education.

Please note that program fees do not cover all costs associated with the program; for more details, go to [caps.umb.edu/international](http://caps.umb.edu/international), or contact Elaine Sullivan ([elaine.sullivan@umb.edu](mailto:elaine.sullivan@umb.edu); 617.287.7915).

To apply for any of these programs, please see contact information listed in each program.

## Field Schools in Archaeology

### Hassanamesit Woods Project Grafton, Massachusetts

May 27-June 27

This field program is designed for graduate and advanced undergraduate students in anthropology, archaeology, history, Native American and American Studies. Students will receive training in archaeological survey techniques, open area excavation techniques and mapping. Students will also have the opportunity to work with staff from the Fiske Center who specialize in environmental archaeology soils analysis, geophysical survey, remote sensing and botanical analysis.

During the summer of 2014, excavations will focus on the the 18th century home site of Deborah Newman, a Nipmuc woman who was a member of the Hassanamesit community.

The summer field study is sponsored by the Department of Anthropology in conjunction with the Andrew Fiske Center for Archaeological Research, and in close coordination with the Nipmuc nation.

\$2480  
6 credits (ANTH 485)  
\$3165  
6 credits (ANTH 685)

**i** For program details and an application, contact:  
Professor Stephen Mrozowski  
[stephen.mrozowski@umb.edu](mailto:stephen.mrozowski@umb.edu); 617.287.6842

Application deadline is TBA.

## Field School

Credits,  
experience  
...and a chance to  
play in the dirt!



**Archaeological Field School in Plymouth**      **May 27-June 27**  
**Plymouth, Massachusetts**

The field class will take place at a series of sites in Plymouth, Massachusetts. This summer's work is part of "Project 400: The Plymouth Colony Archaeological Survey."

In 2014 the focus will be on surface reconnaissance and mapping of a series of sites, shallow geophysical remote sensing, and test excavations in downtown Plymouth. Through daily archaeological fieldwork and laboratory analysis students will learn the process of field recording, mapping, excavation, sample collection, and basic artifact analysis in historical archaeology. The course includes a special emphasis on shallow geophysics for mapping subsurface deposits, and students will learn how remote sensing techniques are applied to site analysis, excavation, and interpretation.

\$2480  
 6 credits (ANTH 485)

\$3165  
 6 credits (ANTH 685)

**i** For program details and an application, contact:  
 Professor David B. Landon  
 david.landon@umb.edu; 617.287.6835

Application deadline: April 30

## Summer Programs on Nantucket

[summer.umb.edu/nantucket](http://summer.umb.edu/nantucket)

### Accommodations on Nantucket Island

Accommodations include housing at the Field Station and at Gouin Village. Gouin Village is a 20-minute walk from the shops and restaurants of historic downtown Nantucket.

### HIST 276

#### This Land is Your Land: A Survey of U.S.

#### Environmental History

**June 2-16**

Our location on Nantucket will shape this class. Almost every day, we will practice a "walk and talk," using outings to local places as a base for discussions of our readings. Each participant will develop a short oral presentation and a mid-length piece of writing about how a particular aspect of the local environment of Nantucket Island reflects larger themes in American environmental history.

"This Land is Your Land" provides a foundation for those interested in American places, from salt marshes to urban areas, and American peoples, from kidnapped African rice farmers to college student activists, from a variety of disciplinary perspectives. Students from all majors and all levels are welcome.

**DIST HU** - This course fulfills the Distribution Area: Humanities

\$1,500  
 3 credits

**i** For program details and an application, contact:  
 Professor Conevery Valencius  
 Conevery.Valencius@umb.edu

Application deadline: May 16

### ART 380

#### Studio Art on Nantucket:

#### Painting Away Off Shore

**June 26-July 11**

This unique course will encompass an immersive painting experience that draws upon Nantucket's rich history and its unique landscape. Students will produce works that address the Nantucket experience, choosing from a broad scope of methods that range from traditional Plein Air painting to more contemporary approaches. Students will have unlimited access to the Nantucket Field Station at Quaise, with over 100 acres of conservation land, its own harbor beach front, fresh and saltwater marsh habitats, and many rare wildlife species. Come energized and prepared to get a lot of painting done!

Prerequisite: By permission of the instructor.

\$1,570  
 3 Credits

**i** For program details and an application, contact:  
 Wilfredo Chiesa  
 wilfredo.chiesa@umb.edu; 617.287.5749

Application deadline: June 6

### BIOL 100

#### Coastal Ecology

**July 13-26**

Featuring daily instruction scheduled around the high and low tides, this marine biology course serves as an introduction to field research methods and will familiarize students with the flora and fauna of this richly diverse island. Investigations of the natural history and community dynamics of salt marshes, sea grass beds, mudflats and beaches are explored. Field and laboratory exercises on the adaptations and interactions of marine organisms are emphasized.

*Students from all majors are encouraged to apply.*

**DIST NS** - This course fulfills the Distribution Area: Natural Sciences.

\$1,390  
 3 Credits

**i** For program details and an application, contact:  
 Professor Greg Beck  
 greg.beck@umb.edu.

Application deadline: July 1

### BIOL 306/506

#### Marine And Coastal Ecological Research

**July 27-August 9**

Supervised research on the adaptations and interactions of organisms of the beaches, salt marshes, sand dunes, and embayments of Nantucket. Meets every weekday during two weeks of the summer at the University's Field Station on Nantucket. In addition to learning the ecology of Nantucket's fascinating marine and coastal habitats, this course will give students experience in field research, experimental design, data analysis, and research presentation.

Prerequisites: BIOL 210, 252 or 290.

*Note:* Please contact Professor Boyle to see if your course load may be considered equivalent to the listed prerequisites.

\$1,440  
 3 credits (BIOL 306)

\$1,855  
 3 credits (BIOL 506)

**i** For program details, contact:  
 Professor Elizabeth Boyle  
 elizabeth.boyle@umb.edu; 617.287.7440

Application deadline: July 9

**EEOS 406****GIT Data Collection and Field Methods****August 4-23****UMass Boston: August 4-August 15****Nantucket August 17-August 23**

This course has 3 components: lecture, lab, and field data collection. The course is conducted at the UMass Boston campus for the first 2 weeks and at the UMass Boston field station on Nantucket for the third and final week. The course covers basic Geographic Information Technologies (GIT), specifically Global Positioning System (GPS), and applications used to collect, map and analyze spatial data.

Prerequisites: EEOS 281 and EEOS 381 or permission of instructor.

\$1,800

4 credits

**i** For program details, contact:  
Professor Helenmary Hotz  
helenmary.hotz@umb.edu; 617.287.5289

Application deadline: July 23

**ENVSTY 280****Arachnology:****The Spiders of Nantucket Island****August 10-16**

This course is designed to give participants an in-depth look at the diversity of spider families that inhabit Nantucket Island, help to hone skills that allow students to identify spiders to the genus and species level from this region and elsewhere, and nurture an appreciation for the anatomy, physiology, phylogeny, and ecology of these amazing organisms. Collecting work will also involve in depth dissection of the ecological niches some local species prefer, as well as a class driven sampling effort to utilize current methodologies to estimate the spider species diversity in several local habitats.

\$1,500

3 credits

**i** For program details and an application, contact:  
Professor Alan Christian  
Alan.Christian@umb.edu

Application deadline: July 21

**Summer Institutes****DEFINING "PUBLIC" AND "PRIVATE" IN AMERICA: CULTURAL, SOCIAL AND POLITICAL ARGUMENTS PAST AND PRESENT****John F. Kennedy Presidential Library****July 7-July 18****[caps.umb.edu/summerinstitute/amst](http://caps.umb.edu/summerinstitute/amst)**

An intensive, graduate-level, two-week program of informative, thought-provoking lectures and discussions led by distinguished scholars and guests.

This year's program will consider citizenship as a legal, social, and cultural category throughout American history and today. We will evaluate how conceptualizations of belonging have been defined, contested, and reimagined. We will look not only at how individual citizenship and "American" identity have been constructed historically, but we will also study the alternating currents of inclusion and exclusion that have shaped the historical experiences of particular groups in their intentional communities and in those constructed by states, the nation, and other forces in the larger world.

The Institute will be directed by Patricia A. Reeve, Assistant Professor of History at Suffolk University, and Education Specialist Nina Tisch of the John F. Kennedy Presidential Library and Museum.

*Graduate students, educators and others are welcome with permission of instructor.*

8:30-12:30, MTuWThF

\$400

3 credits (AMST 687)

PDPs, a non-credit option: \$150

**i** For program information and an application, contact: Nina Tisch,  
JFK Library Education Department, 617.514.1581

Application deadline: May 30

**“Best class I have ever taken.”**

**“Outstanding painter and wonderful teacher.”**

**“Great professor.”**



**CONVENTICULUM BOSTONIENSE:  
LATIN BY THE SEA  
DARTMOUTH, MA JULY 27-AUGUST 4**

**VOCAMUS VOS, O MAGISTRI, UT LINGUAM  
LATINAM NOBISCUM IN ORA MARITIMA  
COLATIS!**

The Conventiculum Bostoniense is a full-immersion residential experience, specifically designed for teachers in schools and universities who want to gain some ability to communicate *ex-tempore* in correct Latin on a wide range of subjects. Participants will enhance and develop their own abilities to express themselves in Latin, both in speaking

and writing, and at the same time will explore various ways to employ active Latin in the classroom to enhance the learning experience of their students. After the first evening's arrival and orientation session, participants will speak Latin exclusively with one another and the faculty for seven days.

Two different graduate level courses are offered during the Conventiculum, one for first time attendees and one for returning participants. As a participant in the Conventiculum, you will also have the option to take courses for either two or three credits.

Applications received after this date will be considered if space is available.

\$1195  
2 graduate credits

\$1685  
3 graduate credits

*Audit Option*

This option is designed for school teachers over the age of 60 or college faculty who would like to attend the Conventiculum but who do not need graduate credit for their participation.

Program fee for those auditing the Conventiculum: \$650

**i** For program information and an application, contact either:  
Peter Barrios-Lech (Petrus) or Jim Dobreff (Jacobus)  
Classics Department  
617.287.6121  
peter.lech@umb.edu; james.dobreff@umb.edu

Application Deadline: July 12

**HAITIAN CREOLE SUMMER  
LANGUAGE AND CULTURE INSTITUTE  
BOSTON CAMPUS JUNE 16-JULY 3**

[caps.umb.edu/summerinstitute/haitiancreole](http://caps.umb.edu/summerinstitute/haitiancreole)

The Haitian Creole Summer Language and Culture Institute is conducted under the joint collaboration of the Africana Studies Department, the Haitian Studies Program, and the College of Advancing and Professional Studies. All instructors are native speakers of Haitian Creole.

The Institute is a three-week intensive program in Beginner, Intermediate and Advanced Haitian Creole, a course in translation techniques for advanced students, and a class taught in Kreyòl which delivers the linguistic and cultural background needed for students who plan to continue their studies through research and service to Haitian communities. In addition to class work, all courses make use of cultural activities to enhance the study of the language. Evaluation of student achievement and proficiency for placement and progress will be conducted both informally and formally during and at the conclusion of the course.

Outside the classroom time, students will also have volunteer opportunities in field work with different Haitian community-based organizations and agencies.

**Haitian Creole I (Beginner) LANGINST 002**

This intensive beginning-level course is intended for students with no knowledge of Haitian Creole. In small-group teaching sessions, students will be prepared for conversational fluency with basic reading and writing skills, emphasizing communicative competence as well as grammatical and phonetic techniques.

5:00-8:30pm, MTuWThF  
\$700  
Class No 1273

**Haitian Creole II (Intermediate) LANGINST 003**

Skills acquired in this intermediate level course will enable students to participate actively in most social and cultural conversations. Sufficient writing and reading comprehension skills will be practiced and studied with the use of intermediate vocabulary and grammatical forms.

5:00-8:30pm, MTuWThF  
\$700  
Class No 1275

**Haitian Creole III (Advanced) LANGINST 004**

At the advanced level, students will achieve a high degree of fluency and precision of vocabulary, enabling them to perform sophisticated activities. Students will be able to speak, read, and write as well as use colloquialisms, proverbs, riddles, and "contes" (jokes).

5:00-8:30pm, MTuWThF  
\$700  
Class No 1276

**Techniques of Haitian Creole Translation****LANGINST 005**

This course is geared towards the native or advanced Creole language speaker who wishes to be certified as a translator or as a court interpreter. It provides participants with ample opportunities to apply techniques and skills through a series of translation assignments which form the basis for class discussion. Participants will have intensive practice in translating a variety of genres and styles both literary and non-literary. They will also be trained in techniques of consecutive and simultaneous interpretation and sight translation. Emphasis is given to accuracy, speed, delivery, command of professional lexicon, and awareness of the relationship between language and culture.

5:00-8:30pm, MTuWThF

\$700

Class No 1277

**i** For program details, contact:  
Professor Marc Prou  
marc.prou@umb.edu; 617.287.6796

**CREDIT CLASSES**

Optional credit for the LANGINST courses is available from the Africana Studies Department. Additional 3-credit undergraduate courses associated with the Haitian Creole Language and Culture Summer Institute may be offered. Contact the Institute program director, Professor Marc Prou, for more information.

This program facilitates understanding through immersion into culture, environment and language.

**Chinese Language Camp**

**Mandarin Language Summer Camp**  
**Bentley University, Waltham**

**JULY 7-25**

Available for students in grades 6-12 and taught by experienced Chinese language instructors, Mandarin Language Summer Camp offers four skill levels of Chinese, Novice Parts 1 & 2, Intermediate Parts 1 & 2 and Advanced Part 1.

This year we will focus the language curriculum around the theme of "My School Life." With each language class sharing one theme across the board, the vocabulary, dialogue topics, camp-wide projects and activities are interconnected to facilitate students speaking Chinese to each other. Additional classroom-connected activities are martial arts sessions, Chinese painting and performance arts!

Camp tuition: Fee announced after 3.15.14

Camp schedule: Monday through Friday, 9:00am-4:00pm.

Applications are available, after March 15, at:

[umb.edu/academics/caps/centers/cpc/mandarin-camp](http://umb.edu/academics/caps/centers/cpc/mandarin-camp)

**i** For more information, contact  
Renee Covalucci, Associate Director  
renee.covalucci@umb.edu; 617.334.9348

**🏆** Winner, UCEA Innovative and Creative Program Award (2009)

For all Center program information, please visit  
[caps.umb.edu/chinaprogramcenter](http://caps.umb.edu/chinaprogramcenter)

## Summer Institute for Teachers of Chinese

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*As of press time, this program is pending.*

The focus for 2014 will be on classroom practice and integrating technology into the language curriculum at the summer institutes for teachers at Bentley University. The two institutes will focus on applying 21st Century teaching methods and developing Standards-based curricula for Mandarin classrooms. Class lengths are noted in each course description.

Application deadline: April 26

For full information on course dates, fees and the application schedule please visit the China Program Center at:

[umb.edu/academics/caps/centers/cpc](http://umb.edu/academics/caps/centers/cpc) after March 15

### Summer Institute I: Practical Strategies for Teaching Mandarin

**JULY 6-22**

Participants will spend many hours observing and practice teaching in the STARTALK Mandarin Summer Camp for Students grades 6-12. Guided by master teachers at the camp and the course instructor, participants will learn to better design and implement curriculum based on the National Standards for Foreign Language Education in the 21st Century.

Monday – Friday, 9:00am - 5:00pm

Orientation: Sunday July 6, 10:00am-4:00pm

Location: Bentley University, Waltham, MA

\$300, 3 graduate credits

College of Advancing and Professional Studies

### Summer Institute II: Integrating Technology into Language Curriculum

**JULY 14-23**

This course focuses on practice with and development of universal elements of technology that can be used across platforms to deliver and manage instruction in 21st century classrooms. Technology assisted learning emphasizes independence in learners, utilizes research habits across subjects, and provides opportunities for student-centered learning and self-evaluation. Mandarin language classrooms teachers will learn engaging activities, ways to provide opportunities for students to work at individual paces, and numerous assessment tools and strategies using technology.


Location: Bentley University, Waltham, MA

\$300 graduate credits

Fees and schedule will be announced after March 15.

Residential accommodation is available for participants living a distance of 50+ miles.

Prerequisite: Participants must have completed a UMass-STARTALK Summer Institute, a STARTALK course or course equivalent to join this course.

 For more information on the Summer Institute, contact:  
Renee Covalucci, Associate Director  
[renee.covalucci@umb.edu](mailto:renee.covalucci@umb.edu); 617.334.9348


 Winner, UCEA Innovative and Creative Program Award (2009)



# **CAPS Degree, Certificate, & Professional Training Programs**

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# About Online Learning

Many of the courses and programs in this bulletin—marked with the  symbol—are available online. UMass Boston has been offering online courses and programs through the College of Advancing and Professional Studies for almost a decade, and our online offerings and instructors have won numerous awards. Through UMass Online, the University's systemwide distance learning agency, UMass Boston's online programs reach national and international markets—including China, where a 2008 agreement made the University of Massachusetts the first foreign university approved to offer online courses and degree programs in China.

**i** If you need further information about UMass Boston online courses, contact Jason Campos (617.287.7912; jason.campos@umb.edu) or visit [caps.umb.edu/dl](http://caps.umb.edu/dl).

## Online Courses

Our online courses have been developed by UMass Boston faculty and use the **Blackboard Learn 9** course management system. Faculty receive detailed training on running courses in a virtual classroom and students electing to take online courses will find a responsive Help Desk to answer technical questions and a very dynamic online student community.

## Online Degree Programs

- Post Master's Doctor of Nursing Practice
- Post Master's Clinical Nurse Specialist (CNS)
- MA in Applied Linguistics. ESL & FL Pedagogy Concentration
- MA in Critical and Creative Thinking
- MS in Family Therapy Counseling
- MS in Mental Health Counseling
- MS in Rehabilitation Counseling
- MEd in School Guidance Counseling
- MS in Gerontology (Management of Aging Services Track)
- MEd in Instructional Design
- MEd in Special Ed.: Orientation and Mobility
- MEd in Special Ed.: Teacher of Students with Visual Impairments
- MEd: Specialization in Vision Rehabilitation Therapy
- BS: RN-to-BS
- BA in Global Affairs

## Online Certificate Programs

- Business Analytics
- Certificate in Gerontological Social Policy
- Critical & Creative Thinking (Focus on Creativity at Work)
- Education: Technology, Learning and Leadership
- Frank J. Manning Certificate in Gerontology
- Gerontology/Adult and Family Nurse Practitioner Post Master's
- Gerontology (Focus on Management of Aging Services)
- Global Post-Disaster Studies - Reconstruction with Vulnerable Populations
- Healthcare Informatics
- Instructional Technology Design
- International Development
- Orientation & Mobility
- Vision Therapy Rehabilitation

## Online Professional Training Programs

- Addictions Counselor Education Program
- Critical Thinking in Business
- Global Post Disaster Reconstruction and Management
- Performance Management for Government and Non-Profits
- Project Management






# Degree & Certificate Programs

Each of the undergraduate and graduate programs described in this bulletin leads to a degree or certificate granted by one of the University's colleges. The requirements for these programs can be fulfilled either entirely or in part through courses offered by the College of Advancing and Professional Studies.

These degree and certificate programs serve a multitude of needs for a variety of participants: undergraduate and graduate students, working professionals who need to update or expand their qualifications, and those seeking to pursue a new career path.

Please note that students enrolling in a UMass Boston degree or certificate program pay certain one time fees related to enrollment and graduation. Please visit [caps.umb.edu/moreinfo/registration/fees/](http://caps.umb.edu/moreinfo/registration/fees/) for details.

 = Program available online     = Award-winning

 = More information


## Degree Programs

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### **Post Master's Doctor of Nursing Practice**

[caps.umb.edu/degree/doctor\\_of\\_nursing](http://caps.umb.edu/degree/doctor_of_nursing)


A 39-credit doctoral program, open to applicants holding a master's degree with preparation as family, gerontological, or adult nurse practitioners or as clinical nurse specialists. The DNP is differentiated from the PhD by its focus on developing graduates at the highest level of excellence in nursing practice and clinical leadership.

 Contact Jeffrey Taylor ([Jeffrey.Taylor@umb.edu](mailto:Jeffrey.Taylor@umb.edu))

### **MA in Applied Linguistics: English as a Second Language and Foreign Language Pedagogy Concentrations**

[caps.umb.edu/degree/apling](http://caps.umb.edu/degree/apling)

This 30-credit program focuses on the acquisition of English as a second or subsequent language, as well as cross-cultural relationships and interethnic communication. Its interdisciplinary core curriculum includes courses in basic and contrastive linguistics, psycholinguistics, sociolinguistics and cross-cultural perspectives, together with courses on teaching methodology for elementary, secondary, and adult education programs.

 Call 617.287.6000 or email [aplingonline@umb.edu](mailto:aplingonline@umb.edu)

### **MA Critical and Creative Thinking**

[caps.umb.edu/degree/creative-thinking/](http://caps.umb.edu/degree/creative-thinking/)

This 33-credit MA allows students to develop as reflective practitioners in any field of work, often leading to new practices that support change in education, organizational work, social settings, and arts and sciences. Our students are involved in various levels of education, business settings, performing and fine arts, communications and media, health care, sciences, non-profit and community-based organizations.

 Call 617.287.7636 or email [cct@umb.edu](mailto:cct@umb.edu)

 **MEd in Instructional Design**

[caps.umb.edu/degree/instructional\\_design](http://caps.umb.edu/degree/instructional_design)


This practical master's degree is ideal for career professionals engaged in the education, training, and development of adult learners in the workplace. An independent study and a field experience may be included.

 Call 617.287.7749 or email [instructionaldesign@umb.edu](mailto:instructionaldesign@umb.edu)

 **MEd in Special Education: Orientation and Mobility**

[caps.umb.edu/degree/orientation\\_mobility/](http://caps.umb.edu/degree/orientation_mobility/)


The 37-credit online graduate curriculum is accessible across the six New England states with locally-based field experience coordinated throughout the two-year program of study. Students completing the curriculum are eligible to sit for the National Professional Certification Examination of the Academy for Certification of Vision Rehabilitation and Education Professionals.


 Visit: [www.nercve.umb.edu](http://www.nercve.umb.edu) or contact the Program office at 617.287.7584 or 617.287.4385

 **MEd in Special Education: Teacher of Students with Visual Impairments**

[caps.umb.edu/degree/visual\\_impairments/](http://caps.umb.edu/degree/visual_impairments/)

The Department of Curriculum and Instruction is offering a master's degree which leads to state licensure as Teacher of Students with Visual Impairments, after which graduates are able to apply for reciprocal licensure in each of the six New England States and each state participating in the NASDTEC interstate licensure agreement. The 37-credit online graduate curriculum and resulting degree is regionally accessible across the six New England states with locally-based field experience coordinated throughout the two year program of studies.


 Winner, UCEA Innovative and Creative Program Award (2003)

 Visit the Northeast Regional Center for Vision Education website at [www.nercve.umb.edu](http://www.nercve.umb.edu) or Program office at 617.287.7595 or 617.287.4385

 **MEd: Specialization in Vision Rehabilitation Therapy**

[caps.umb.edu/degree/vision-rehab-therapy/](http://caps.umb.edu/degree/vision-rehab-therapy/)


A degree program and graduate certificate option for those who want to work in a professional setting assisting blind/visually impaired adult populations to integrate compensatory skills and assistive technology that will enable them to live safe, productive, and independent lives.

 Contact Laura Bozeman (617.287.4385; [laura.bozeman@umb.edu](mailto:laura.bozeman@umb.edu))

 **MS in Family Therapy**

[caps.umb.edu/degree/familytherapy/](http://caps.umb.edu/degree/familytherapy/)


The online MS program in Family Therapy curriculum comprises basic professional counseling content and theory and provides comprehensive framework for learning family therapy. It meets the academic and clinical requirements for accreditation from the Commission on Accreditation for Marriage and Family Therapy Education (COAMFTE).

 Call 617.287.6000 or email [enrollment.info@umb.edu](mailto:enrollment.info@umb.edu)

 **MS in Mental Health Counseling**

[caps.umb.edu/degree/schoolcounseling/](http://caps.umb.edu/degree/schoolcounseling/)


In this 60-credit master's degree, students complete a series of general counseling courses and courses specific to mental health counseling. In addition, students complete field experiences in mental health settings through the practicum and internship. The curriculum meets the academic requirements for licensure in the state of Massachusetts as a Mental Health Counselor.

 Call 617.287.6000 or email [enrollment.info@umb.edu](mailto:enrollment.info@umb.edu)

 **MS in Rehabilitation Counseling**

[caps.umb.edu/degree/rehab/](http://caps.umb.edu/degree/rehab/)


In this 60-credit master's, which meets the academic requirements for national certification as a Certified Rehabilitation Counselor, students complete a series of general counseling courses and courses specific to rehabilitation counseling. In addition, students complete field experiences in rehabilitation counseling settings through practicum and internship.

 Call 617.287.6000 or email [enrollment.info@umb.edu](mailto:enrollment.info@umb.edu)

 **MEd in School Counseling**

[caps.umb.edu/degree/schoolcounseling/](http://caps.umb.edu/degree/schoolcounseling/)


This 60-credit master's degree in School Counseling, primarily online, meets the academic requirements for certification in the state of Massachusetts as a Guidance Counselor. Students complete a series of general counseling courses and courses specific to guidance counseling. In addition, students complete field experiences in school settings through practicum and internship.


 Call 617.287.6000 or email [enrollment.info@umb.edu](mailto:enrollment.info@umb.edu)

 **MS in Gerontology (Management of Aging Services Track)**

[caps.umb.edu/degree/gerontology/](http://caps.umb.edu/degree/gerontology/)

The Management in Aging Services Track offers students an advanced degree in the growing field of long-term care. Students will develop skills in policy development and analysis, program management, administration, and finance with a focus on the aging population.


 Winner, UCEA Innovative and Creative Program Award (2007); UCEA Outstanding Credit Program Award (2008).

 Email to [ellen.birchander@umb.edu](mailto:ellen.birchander@umb.edu) or [lillian.glickman@umb.edu](mailto:lillian.glickman@umb.edu)

 **Online RN to BS Program**

[caps.umb.edu/degree/rnbs/](http://caps.umb.edu/degree/rnbs/)


The online RN-BS program maximizes accessibility and convenience to a college degree for highly motivated, independent nursing professionals. The nursing course portion of the program operates on a cohort model, whereby a group of students completes the same program of study over five semesters.

 Email to [RN2BS@umb.edu](mailto:RN2BS@umb.edu) or call 617.287.7500

 **Online BA in Global Affairs**

[caps.umb.edu/degree/global\\_affairs](http://caps.umb.edu/degree/global_affairs)

This program offers courses which cover culture, international public policy, international security, international development and economics and international environment and geography. A hands-on internship option is available.


 Denise Sharif, Program Manager  
617.287.7918; [GlobalAffairs@umb.edu](mailto:GlobalAffairs@umb.edu)

**Undergraduate Certificates** **Frank J. Manning Certificate in Gerontology**

[caps.umb.edu/certificates/manning/](http://caps.umb.edu/certificates/manning/)

This 18-credit, four course certificate program is designed for individuals currently working in or new to the field of Gerontology. This program provides students with an understanding of the aging network and aging process through direct service, research, field placements and advocacy. The Frank J. Manning Certificate Program is designated a:


- *Program of Merit* by the Association for Gerontology in Higher Education
- *Deemed Status Provider* of Nursing Home Administrators by the Massachusetts Board of Registration of Nursing Home Administrators

 Contact Jessica Heath  
([ug.gerontology@umb.edu](mailto:ug.gerontology@umb.edu))

 **Certificate in Gerontological Social Policy**

[caps.umb.edu/certificates/gerontology-social-policy/](http://caps.umb.edu/certificates/gerontology-social-policy/)


Gerontological social policy occurs within a complex social, economic, and political context. This program is designed to prepare students to advance their careers in aging services networks and public service. The certificate coursework may be applied to the undergraduate program in Gerontology.

 Contact Jessica Heath  
([ug.gerontology@umb.edu](mailto:ug.gerontology@umb.edu))

 **Certificate of Information Technology**

[caps.umb.edu/certificates/infotech/](http://caps.umb.edu/certificates/infotech/)

Designed for non-College of Management or non-degree seeking students, this certificate is an introductory program into the information systems discipline. It covers concepts fundamental to the technology and operation of modern information systems, focusing on techniques, tools and methods used today in the development and use of computer-based applications.

 Contact Jean Pierre-Kuilboer, Chair  
Management Science & Information Technology Department  
(617.287.7868; [jeanpierre.kuilboer@umb.edu](mailto:jeanpierre.kuilboer@umb.edu))

**Spanish/English Translation**

[caps.umb.edu/certificates/spanishtrans/](http://caps.umb.edu/certificates/spanishtrans/)

This 12-credit program has been designed to meet the worldwide demand for multilingual professionals, educators, and students. Explore the history, principles, theory, and practice of oral and written translation. Practice the techniques of legal, medical, technical, general, and literary translation and learn to use specialized dictionaries and other essential reference materials. Students will also improve their knowledge of English and Spanish syntaxes, morphologies, and semantic systems.


 Contact Peggy Fitzgerald  
(617.287.7550; [margaret.fitzgerald@umb.edu](mailto:margaret.fitzgerald@umb.edu))

## Graduate Certificates

### Adult/Gerontology and Family Nurse Practitioner Post Master's

[caps.umb.edu/certificates/nursepractitioner/](https://caps.umb.edu/certificates/nursepractitioner/)

This 12- or 21-credit certificate program is designed to assist RNs who have an MS degree in nursing to acquire the knowledge and clinical experience that will prepare them to sit for a gerontology, adult, or family nurse practitioner certification examination.


 Contact Margaret McAllister  
(617.287.7543; margaret.mcallister@umb.edu)


Now available, a 12-credit, Post Master's Clinical Nurse Specialist (CNS) to prepare for exams, credentialing and prescribing privileges. Please visit [caps.umb.edu](https://caps.umb.edu) for more information.

### Applied Behavioral Analysis for Special Populations

[caps.umb.edu/certificates/aba/](https://caps.umb.edu/certificates/aba/)

This five-course sequence enables students to assess, design, implement and evaluate applied behavior analysis programs by presenting basic ABA principles, ethical considerations, generalization strategies, and application to special populations and settings. Meets the coursework requirement to sit for the national Behavior Analyst Certification Board licensing exam.


 Winner, UCEA Innovative and Creative Program Award (2004);  
UCEA Outstanding Credit Program Award (2005)

 Contact Mary Brady  
(617.287.7254; mary.brady@umb.edu)

### Business Analytics

[caps.umb.edu/certificates/business\\_analytics](https://caps.umb.edu/certificates/business_analytics)


Four courses focused on the transformative capabilities of BA and the technologies needed for implementation. The certificate is designed to facilitate integrating BA into enterprise business processes.

 Contact Tara Norton  
(617.287.7855; Tara.Norton@umb.edu)

### Clinical Nurse Specialist (CNS) Post Master's

[caps.umb.edu/certificates/clinical-nurse/](https://caps.umb.edu/certificates/clinical-nurse/)


This 12-credit post master Clinical Nurse Specialist (CNS) is designed to assist RNs who have an MS degree in nursing with preparation as a Clinical Nurse Specialist to acquire the knowledge and clinical experience that will prepare them to sit for a national certification examination.

 Contact Margaret McAllister  
(617.287.7543; margaret.mcallister@umb.edu)

### Critical and Creative Thinking

[caps.umb.edu/certificates/cct/](https://caps.umb.edu/certificates/cct/)


This 15-credit graduate certificate trains students to tackle challenging real-life problems, generate new ideas, and take them through to realization in their various educational, professional, artistic, and social settings. A variety of approaches are introduced to invention, dialogue, listening, and teamwork that promote creativity and acceptance of diverse perspectives.

 Contact Peter Taylor  
(617.287.7636, cct@umb.edu)

### Database Technology

[caps.umb.edu/certificates/databasetech/](https://caps.umb.edu/certificates/databasetech/)


This 12-credit certificate program is geared towards programmers and software professionals who wish to acquire a systematic education in database technology. It provides a solid anchoring in state-of-the-art database technology and trains students to become database application developers or database administrators.

 Contact Danielle Fontaine  
(617.287.6441; danielle.fontaine@umb.edu)

### Forensic Services

[caps.umb.edu/certificates/forensicservices/](https://caps.umb.edu/certificates/forensicservices/)


Intended for criminal justice and mental health professionals, this 16-credit graduate certificate program is designed to provide a strong grounding in behavioral sciences, while at the same time offering practical skills and competencies in mental health and criminal justice, which will enable students to serve as effective professionals in a variety of social service environments.

 Contact Andrea Leverentz  
(617.287.6265; forensic.services@umb.edu)

### Gerontology (Focus on Management of Aging Services)

[caps.umb.edu/certificates/gerontology/](https://caps.umb.edu/certificates/gerontology/)


This graduate certificate is targeted to individuals in the aging network who are looking to upgrade their skills or advance in new directions within the field or for those looking to enter the field. Class scheduling will reflect the needs of a working student population. Students will have the option of applying the 15 hours toward the 30-hour Management of Aging Services master's degree.

 Contact Lillian Glickman (lillian.glickman@umb.edu) or Ellen Birchander (617.287.7338; ellen.birchander@umb.edu)

### Global Post-Disaster Studies – Reconstruction with Vulnerable Populations

[caps.umb.edu/certificates/global-post-disaster/](https://caps.umb.edu/certificates/global-post-disaster/)

This graduate certificate program prepares professionals to see beyond immediate post-disaster conditions. The curriculum trains students to develop strategic thinking in the long-term as they view the complexities and the intertwined technical and socio-cultural aspects of disasters through a multi-disciplinary approach. These interrelated courses bring a science-based and human rights perspective to risk reduction, post-disaster reconstruction and disaster recovery.

 Contact Adenrele Awotona  
(617.287.7116; adenrele.awotona@umb.edu)

### Healthcare Informatics

[caps.umb.edu/certificates/healthcare\\_informatics](https://caps.umb.edu/certificates/healthcare_informatics)


four courses in the field of Healthcare Informatics. The certificate is designed to facilitate the delivery of modern health care systems by focusing on concepts and tools that aid decision making in healthcare.

 Contact Tara Norton  
(617.287.7855; Tara.Norton@umb.edu)

### Instructional Technology Design

[caps.umb.edu/certificates/instructional\\_design/](https://caps.umb.edu/certificates/instructional_design/)


This 15-credit graduate certificate program is designed to meet the high technology training needs of academic, corporate, and public educators. It is intended for instructional designers, training professionals and instructional technologists responsible for the design, development and management of technology-based learning programs. Educators will also find that the coursework in this program will enable them to better serve their audience. Coursework will include a balance of instruction and discussion, lab time and design teams producing multimedia projects.

 Call 617.287.7749 or email [instructionaldesign@umb.edu](mailto:instructionaldesign@umb.edu)

### International Development

[caps.umb.edu/certificates/international\\_development](https://caps.umb.edu/certificates/international_development)


The graduate certificate in International Development is a 15-credit program that explores the dynamics of international assistance efforts. It places particular emphasis on the positive and negative impact of globalization on poor and developing societies and the responsibilities of wealthier societies in that equation.

 Contact Denise Sharif, Program Manager, at 617.287.7918 or [Denise.Sharif@umb.edu](mailto:Denise.Sharif@umb.edu)

### Orientation and Mobility

[caps.umb.edu/certificates/orientationmobility/](https://caps.umb.edu/certificates/orientationmobility/)


The 19-unit sequence is designed for vision teachers or other vision professionals for those individuals interested in obtaining certification in O/M from the international professional organization AER (Association of Education and Rehabilitation of Individuals Who Are Visually Impaired/Blind).

 Contact Laura Bozeman, [laura.bozeman@umb.edu](mailto:laura.bozeman@umb.edu)

### Teaching of Spanish

[caps.umb.edu/certificates/teachingspanish/](https://caps.umb.edu/certificates/teachingspanish/)


This 18-credit graduate certificate program has been designed to address the needs of pre-service and in-service teachers who need to improve or enhance their skills in the field of Spanish. The certificate offers a flexible course of study combining both new and traditional methods of teaching the Spanish language with presentations of geographic and cultural material that reflect the traditions that make up today's Spanish speaking worlds. The certificate program also introduces the latest uses of technology in the classroom and methods of assessment.

 Contact Peggy Fitzgerald  
(617.287.7550; [margaret.fitzgerald@umb.edu](mailto:margaret.fitzgerald@umb.edu))

### Teaching of Writing

[caps.umb.edu/certificates/teachingwriting/](https://caps.umb.edu/certificates/teachingwriting/)


This 15-credit graduate certificate program is designed for K-12 teachers and administrators in all subject areas who want to learn strategies to strengthen students' writing and thinking skills, develop expertise in teaching writing and literacy across the curriculum, gain a deeper understanding of literacy learning, and improve their own writing.

 Contact Glenn Mitchell, Site Director for the Boston Writing Project  
(tel. 617.287.7620, fax 617.287.7664)

### Vision Rehabilitation Therapy

[caps.umb.edu/certificates/vision-rehab-therapy/](https://caps.umb.edu/certificates/vision-rehab-therapy/)


A graduate certificate option for those who want to work in a professional setting assisting adult populations who are blind/visually impaired integrate compensatory skills and assistive technology that will enable them to live safe, productive, and independent lives.


 Contact Laura Bozeman, [laura.bozeman@umb.edu](mailto:laura.bozeman@umb.edu)


### Women in Politics and Public Policy


[caps.umb.edu/certificates/wippw/](https://caps.umb.edu/certificates/wippw/)


This program prepares women for careers in politics, policy-making, public and non-profit management, research, planning and the law. It offers a unique combination of graduate-level academic work in policy studies, analytical and research skills, and substantive internships tailored to students' policy interests and professional goals. Intensive advising and professional development workshops are an important component of the program.

 Progress in Equity Award, Honorable Mention, AAUW (2005)

 Winner, UCEA Innovative and Creative Program Award (2005)

 UCEA Outstanding Credit Program Award (2006)

 Progress in Equity Award, AAUW Massachusetts (2008)

 Contact program staff at [pwppw@umb.edu](mailto:pwppw@umb.edu) or 617.287.6732



# Professional Training & Non-Credit Programs

College of Advancing and Professional Studies **professional training programs** address the educational needs of working professionals who need to acquire specialized knowledge and skills in their field, or who want to prepare themselves for a new career, but who do not need a degree or credit certificate. We offer these programs in fields ranging from substance abuse treatment to urban landscape development.

Our other non-credit programs include our highly successful English as a Second Language programs, which have been offering ESL courses in a variety of formats for over fifteen years, as well as our Graduate Test Preparation courses, which have recently expanded to include a Massachusetts licensure preparation course for K-12 teachers.

Please use the Non-Credit registration form when registering in these courses.

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 = Program available online     = More information

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## Addictions Counselor Education Program

[caps.umb.edu/acep/](http://caps.umb.edu/acep/)

The Addictions Counselor Education Program (ACEP) offers the highest quality education to persons seeking to begin or advance their careers in the treatment of alcohol and chemical dependence.

 Contact Reqa Quarles (617.287.7900, [reca.quarles@umb.edu](mailto:reca.quarles@umb.edu)).


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## Critical Thinking in Business

**Critical Thinking in Business**

**PRFTRN 080**

This course provides professionals with critical thinking skills for decision making, problem solving, marketing and sales.


 Contact Shona Jackson  
(617.287.6934, email [shona.jackson@umb.edu](mailto:shona.jackson@umb.edu))

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## Global Post-Disaster Reconstruction and Management Certificate

[caps.umb.edu/corporate/disaster-reconstruction/](http://caps.umb.edu/corporate/disaster-reconstruction/)

This non-credit certificate program offers topics in the theory and practice of disaster preparedness, mitigation and post-disaster reconstruction. The aim is to develop a national and international capacity to address the consequences of the various forms of disaster which millions of people face every year, everywhere.

 Contact Shona Jackson  
(617.287.6934, email [shona.jackson@umb.edu](mailto:shona.jackson@umb.edu))

## Human Resource Management

[caps.umb.edu/corporate](http://caps.umb.edu/corporate)

Next offered Fall 2014

The certificate program in Human Resource Management is a two-semester program designed for those seeking an overview of the human resource function and its strategic role in today's organizations. The program is recommended for general managers and supervisors, new human resource professionals, and others interested in developing practical skills in human resource management.

**i** Contact Shona Jackson  
(617.287.6934, email [shona.jackson@umb.edu](mailto:shona.jackson@umb.edu))

## Performance Management

**Performance Management in Government and Non-Profits**

**PRFTRN 093**

This course explores what performance management means and how government agencies and non-profits can adopt this management approach. The course shows how to develop skills to refine the way goals and strategies are articulated so that they can be effectively measured, and to select practical performance measures. The course also covers how to identify target audiences, present data clearly, and analyze and use data to improve performance. The course consists of six online modules.

ONLINE

July 20– Aug 31

Course fee: \$700; Class No: 1293

Course fee: \$600 for municipal, state, and federal employees; Class #1294

**i** Contact Shona Jackson  
(617.287.6934, email [shona.jackson@umb.edu](mailto:shona.jackson@umb.edu))

## PMP® Exam Prep

[caps.umb.edu/corporate/pmp\\_exam\\_prep](http://caps.umb.edu/corporate/pmp_exam_prep)

This course is designed to help you prepare for the Project Management Professional (PMP®) exam, following concepts contained in A Guide to the Project Management Body of Knowledge, (PMBOK® Guide) - Fifth Edition, Project Management Institute, Inc., 2013.

UMASS BOSTON - 150 MT VERNON STREET

May 21-Aug 18

W 6:30-9:30pm

Course fee: \$1,015; Class No: 1671

**i** Contact Shona Jackson  
(617.287.6934, email [shona.jackson@umb.edu](mailto:shona.jackson@umb.edu))

## Project Management

[caps.umb.edu/corporate](http://caps.umb.edu/corporate)

### Practical Project Management

Practical Project Management provides professionals with the essential skills they need to succeed in an increasingly competitive job market. Based on The Project Management Body of Knowledge®, this highly interactive course combines expert instruction with case studies and team exercises. In addition to technical competencies, the course covers the human and political aspects of project management by using examples from students' own projects. Participants will learn how to initiate, plan, execute, control and close a project and will be shown how to apply the ten PMBOK® knowledge areas to each phase of a project. Upon completion of the course, participants will be ready to assume the role of Project Manager and will receive the 35 contact hours required to apply for PMP certification.

UMASS BOSTON CAMPUS

W, 6:30-9:00pm

May 27-August 21

Ken Brooks

Course fee: \$1160; Class No: 1680

**i** Contact Shona Jackson  
(617.287.6934, email [shona.jackson@umb.edu](mailto:shona.jackson@umb.edu))

## Sustainable Facilities

[caps.umb.edu/corporate/sustainable\\_facility\\_management](http://caps.umb.edu/corporate/sustainable_facility_management)

### Sustainable Facility Management

Completion of the course prepares you for the International Facility Management Association (IFMA) assessment.

This 7-week certificate course, taught by industry leaders and guest speakers, is ideal for everyone from building managers, to architects and designers with an interest in impacting their organization's triple bottom line through facility management solutions.

UMASS BOSTON - 150 MT VERNON STREET

May 21-July 2

W 5:30-9:30pm

Course fee: \$2,950; Class No: 1677

\$200 discount for IFMA members, Class #1678

**i** Contact Shona Jackson  
(617.287.6934, email [shona.jackson@umb.edu](mailto:shona.jackson@umb.edu))

## English as a Second Language (ESL)

[caps.umb.edu/esl](http://caps.umb.edu/esl)

The programs in English as a Second Language offered by the College of Advancing and Professional Studies are designed for individuals seeking to communicate more effectively in English and improve their performance in professional, academic, and social environments.

The content and methods used in all courses are chosen to maximize students' language development. Therefore, strong emphasis is placed on language learning skills and strategies, and students' personal and professional interests, needs, and backgrounds are carefully considered. Instruction in each class includes a grammar review at the appropriate level, integrated with practice in listening comprehension, oral expression, reading, writing, vocabulary building, and pronunciation.

**ESL Students - You must register in person with Andrea Macone, 617.287.7876. Office: Wheatley Hall, W-1-003.**

### Assessment and Course Placement

To ensure that students are placed in appropriate courses and levels, they must attend an assessment session. The session consists of several types of tests: grammar, listening and reading comprehension, and a writing sample. There is also an interview with a program instructor.

Tests are completed over the first few days of the semester, and take place in conjunction with a variety of classroom and orientation activities. Formal classes begin only after the orientation period.

### Intensive English Programs

Classes take place Monday through Friday between 9:00am and 4:00pm, for a total of 20-24 hours per week. Participants are placed in classes appropriate to their level of proficiency after initial assessment and orientation sessions.

UMass Boston will supply an I-20 form enabling students to apply for an F-1 visa for Intensive English programs.

### University Preparation

**ESL-NC 002**

Participants seeking university placement enroll in University Preparation. Coursework includes subject matter typical of the university, and training in academic skills is offered, including note-taking; listening to academic lectures; academic writing and research; oral presentations; critical and creative thinking; and time-management. In addition, TOEFL test preparation and assistance in the college admission process are offered. Advanced students may audit regular university classes by special permission. Computer lab time is scheduled for participants who wish to develop their "e-literacy" and computer skills, including presentation skills, building web pages, web-based research, and word-processing skills.

Participants enjoy full access privileges to the educational resources of UMass Boston, including use of the library, computer labs, fitness centers, and health clinic.

May 27-Aug 21  
MTuWThFr, 9:00am-4:00pm  
Course fee: \$3,120

## Graduate Test Preparation

[caps.umb.edu/testprep/](http://caps.umb.edu/testprep/)

Developed in conjunction with the Office of Career Services, these review courses offer preparation for the GMAT, GRE, LSAT, and MTEL. Intensive classroom sessions cover all sections of each exam. Each course involves extensive exam practice, including a full-length practice test given under exam conditions. Throughout the year, all courses meet at our main campus in Boston.

### Review for the

**Graduate Record Examination (GRE)**

**TESTPREP 001**

We offer regularly scheduled prep courses; however, the GRE exam is available only online at designated centers. For further information, please call 800-GRE-CALL.

UMASS BOSTON  
May 6-June 12  
TuTh, 6:00-9:00pm  
J. Normant & N. Argento  
Class No 1178  
Course fee: \$575

### Review for the Graduate Management

**Admission Test (GMAT)**

**TESTPREP 002**

We offer regularly scheduled prep courses; however, the GMAT exam is available only online at designated centers. For further information, please call 800-GMAT-NOW.

UMASS BOSTON  
May 17-June 28  
S, 8:00am-2:00pm  
A. Popov, Class No 1181  
Course fee: \$600

### Review for the Law School Admission Test (LSAT) TESTPREP 003

This course is designed to prepare students to succeed on the Law School Admissions Test (LSAT) through a mixture of lectures, intensive practice, and close examination of LSAT questions. Please consult [www.LSAC.org](http://www.LSAC.org) for details or to register for the test.


**Test Date: October 5, 2014**

UMASS BOSTON  
Apr 29-Jun 5  
TuTh, 5:30-8:30pm  
M. Neusse, Class No 1182  
Course fee: \$575



**Math Refresher Course****TESTPREP 004**


For those who are either math-phobic or interested in refreshing their math skills—for GMAT and GRE prep courses and exams, and other professional or educational endeavors—this course offers a review of the fundamentals of arithmetic, algebra, and geometry.

 Call 617.287.7900 for more information.

**Math and Literacy Reviews for MTEL****Approach the MTEL with confidence.**

Intensive MTEL Review courses are designed to prepare students to succeed on the Massachusetts Tests for Educator Licensure (MTEL). Each module includes a lesson, resources, strategies, quizzes, and practice problems with detailed explanations, a test and full length practice exams.

Please include a valid email address when registering for these courses. This will be the primary means for the instructor to contact you.

 Contact: Marytd@alum.mit.edu

**Intensive Math Review for MTEL 03 and Beyond** **TESTPREP 005**

This course is designed to prepare students for the new mathematics subtest of the MTEL General Curriculum 03 exam. It covers all the essential topics to develop a deep understanding of math fundamentals including functions, algebra, geometry, statistics, probability, word problems, graphing, solving equations, and operations.

ONLINE

*MTEL 03 preparation not offered in Summer 2014.***Intensive MTEL 47 Middle School Math Review**  **TESTPREP 007**

This course is designed to prepare students for the MTEL Middle School Math 47 exam. Covered are all the essential topics to develop a deep understanding of math fundamentals including functions, algebra, geometry, statistics, probability, word problems, graphing, solving equations, trigonometry, calculus, and discrete math.

ONLINE

*MTEL 47 preparation not offered in Summer 2014.***Intensive Review for the MTEL Writing Subtest - Communications and Literacy** **TESTPREP 008**

This course prepares students for the Writing Subtest of the MTEL Communication & Literacy Exam. The course covers the essential topics required to succeed on the exam, including spelling, punctuation, and grammar; effective sentence and paragraph construction; English usage conventions; and the fundamentals of good essay writing.

ONLINE

*MTEL Writing Subtest preparation not offered in Summer 2014.***Intensive Review for the MTEL Reading Subtest - Communications and Literacy** **TESTPREP 009**


This course prepares students for the Reading Subtest of the MTEL Communication & Literacy Exam. The course allows students to strengthen reading comprehension skills by focusing on areas of weakness while getting a fast-paced refresher of those areas they are comfortable with. The content covers all the essentials required to succeed on the exam, including reading comprehension and critical reading skills, and intensive vocabulary review.

ONLINE

*MTEL Reading Subtest preparation not offered in Summer 2014.*

# Centers, Consortia & Institutes


The initiatives on these pages represent some of the ways in which the College of Advancing and Professional Studies expands the reach of UMass Boston's mission, forming connections with other educational institutions and audiences—whether locally, regionally, or internationally—in fields ranging from information technology to Chinese language and culture.


 = Award-winning ·  = More Information

eLearning -  
the various  
uses of  
electronic  
technologies for  
education and  
training.

## Boston Area Advanced Technological Education Connections (BATEC)

Boston Area Advanced Technological Education Connections (BATEC) is a National Science Foundation-funded Center of Excellence working to develop and promote a coordinated, self-sustaining regional education and workforce development system for IT—one that will attract a diverse student population to IT and IT-enabled careers, promote lifelong learning of technical skills, and support the technology workforce needs of the region. BATEC is a partnership of UMass Boston, six community colleges, and thirty high school districts, although our events are open to educators from across all regions. Our partners are transforming education to develop the new IT professional for the 21st century by developing curriculum, providing professional development experiences for educators, attracting and advancing a diverse population of technology students, and connecting education, industry and community to promote mutually beneficial partnerships that support career development, lifelong learning and regional economic growth.

 Winner, UCEA Innovative and Creative Program Award (2005); UCEA Outstanding Non-Credit Program Award (2006).


 Contact Deborah Boisvert (tel 617.287.7295, [deborah.boisvert@umb.edu](mailto:deborah.boisvert@umb.edu)), or visit [www.batec.org](http://www.batec.org).

## Center for Innovation and Excellence in eLearning

The Center for Innovation and Excellence in eLearning (CIEE) promotes, encourages and sponsors the study of eLearning in the university, corporate, and public sectors.

Housed within The College of Advancing and Professional Studies at UMass Boston, and working hand-in-hand with the five other campuses in the University of Massachusetts system, the center serves as a linchpin for research and critical thought on eLearning in its many forms, including online education, mobile learning, and multimedia education.


CIEE will publish a peer-reviewed research journal for the academic community, disseminating new research related to eLearning.

 For more information, contact:  
Alan Girelli, Director; [alan.girelli@umb.edu](mailto:alan.girelli@umb.edu)

## China Program Center

The China Program Center at the UMass Boston seeks to advance scholarly and business collaborations between China and America through innovative programs including practical training, trade missions, government exchanges, and joint academic ventures. The Center provides tools needed to build successful American-Chinese joint ventures, bringing business and cultural knowledge about the two countries to its audiences through innovative academic courses, training sessions, internships, workshops, and mentorships.

The Center addresses critical needs both for Chinese audiences (global leadership skills, university faculty training, and degree programs) and for American audiences (knowledge of how to do business in China, China-based cultural programs, and courses on best practices in the teaching of Mandarin).

 Winner, Associated Industries of Massachusetts Global Outreach Award (2004)

 Contact Wanli Hu (617.287.7292, wanli.hu@umb.edu)

## Confucius Institute for Chinese Language and Culture

The University of Massachusetts Confucius Institute at UMass Boston was established in collaboration with Renmin University of China and The High School Affiliated to Renmin University of China, with the sponsorship and authorization of Hanban, the Office of Chinese Language Council International, under the Ministry of Education, China.

The mission of the Confucius Institute is to promote understanding of Chinese language and culture in the communities served by the University. Through courses, conferences, travel, and cultural events, the Institute will provide opportunities for cultural exchange and collaboration between the US and China.

### Chinese Language Instruction

Credit courses which intertwine language instruction with cultural awareness, serving students at all skill levels from basic Mandarin for business and travel to more advanced study.

### Seminars in Chinese Culture

Cultural seminars that illuminate topics such as the Chinese political system, economic development, values and etiquette, philosophy, and Confucianism in management.

### Programs for Teachers of Chinese


Teacher training programs, American cultural awareness training, and professional workshops for teachers of Chinese.

### Conferences and Forums

Conferences and forums organized by the Institute will offer platforms for communication between educators and business people from both countries.

### Travel

Tours that will bring students, educators and business people from the US to China and from China to the US, providing opportunities to strengthen language skills through immersion and deepen cultural awareness through direct experience.

 Contact: Baifeng Sun, Associate Director (tel: 617.287.7291; fax: 617.287.7297; baifeng.sun@umb.edu). For updated programming information, visit [confucius.umb.edu](http://confucius.umb.edu).


## Marine Studies Consortium

UMass Boston is a member of the Marine Studies Consortium, an association of Massachusetts higher education and research institutions whose mission is to increase understanding of coastal and marine ecosystems and to promote policies that protect aquatic resources.

The consortium teaches evening undergraduate courses in marine/aquatic sciences and environmental management.

### Academic Program

Our academic program offers classes in marine and aquatic sciences, environmental policy, and environmental management. Our Biology of Fishes course is offered at the New England Aquarium. It may be the only ichthyology course in the world where students use the resources of a major aquarium at every class meeting. Other courses, such as Whale Biology and Conservation, Water Resources Management, and Maritime History of New England, are offered nowhere else in New England at the undergraduate level. Courses are held during the evenings on the campuses of our member institutions.

 Visit [www1.assumption.edu/msc/about.html](http://www1.assumption.edu/msc/about.html) or call 617.817.0740.



# **Additional University Information**

# Contact Information & Directions

## College of Advancing and Professional Studies Office

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The CAPS office (Wheatley Hall, 2nd floor, room 203) is open throughout the year to distribute information and resolve problems. Regular office hours are: Monday through Thursday, 8:30am-5:00pm; Friday, 8:30am-4:30pm.

### General Information

Reca Quarles 617.287.7900  
caps@umb.edu

### Registration

Registration Info Line 617.287.6200  
(for information only)

Registration Fax Line 617.287.7902

### Academic advising

Ed Zaleskas 617.287.7900  
edward.zaleskas@umb.edu

Linda Hamilton  
linda.hamilton@umb.edu

## Degree and Certificate Program Information

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### Online Learning

Jason Campos 617.287.7912  
jason.campos@umb.edu

### Study Abroad Programs

Jennifer Goode-Solis 617.287.6995  
jennifer.goode@umb.edu

### Field Study & Programs on Nantucket

Elaine Sullivan 617.287.7915  
elaine.sullivan@umb.edu

### English Language Study

Andrea Macone 617.287.7876  
andrea.Macone@umb.edu

### Corporate/Professional Training

Shona Jackson 617.287.6934  
shona.jackson@umb.edu

## Getting to UMass Boston

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[umb.edu/parking\\_transport/directions.html](http://umb.edu/parking_transport/directions.html)

### Directions to UMass Boston

The University is only three miles from downtown Boston and is easily accessible by public or private transportation.

From the north or west: Take the Southeast Expressway to exit 15. Turn left onto Columbia Road. Enter the rotary and take the first right (Morrissey Boulevard). Bear right of the traffic island, following the UMass Boston sign. Proceed past the Boston Globe building. Turn left into the campus.

From the south: Take the Southeast Expressway to exit 14 (near the National Grid tank). Follow Morrissey Boulevard northward to the campus.

### Parking

Full details about parking availability and rates, as well as a detailed map of the campus, are available on the Parking Dept. website. Visitors may also obtain automated information at 617.287.5040, or call Customer Service at 617.287.4000.

### Public Transportation

View the buses in real time at <http://umb.transloc.com/> or through the smartphone app "TransLoc Transit Visualization."

Free and frequent shuttlebus service is provided between the university and JFK/UMass Station on the MBTA Red Line.

Route #1 stops at the Campus Center, weekdays.

Route #2 buses stop at the Campus Center, the Massachusetts Archives, the JFK Library, the Clark Athletic Center Circle, and the university's Early Learning Center, 7 days a week.

Buses following MBTA Routes 8 and 16 also stop at the University.

For more information, visit [umb.edu/parking\\_transport/public.html](http://umb.edu/parking_transport/public.html) or call 617.287.5040.

# Offices, Services & Resources

## Athletics

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[beaconathletics.com](http://beaconathletics.com)

## Bookstore

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[umb.bkstr.com](http://umb.bkstr.com)

## Cafeteria

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[umb.edu/campuscenter/student\\_facility\\_dining.htm](http://umb.edu/campuscenter/student_facility_dining.htm)

## Computer Labs

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[umb.edu/it/tech/labs](http://umb.edu/it/tech/labs)

## Disability Services

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[rosscenter.umb.edu](http://rosscenter.umb.edu)

## Emergency Cancellations

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[umb.edu](http://umb.edu)

## Financial Aid Services

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[umb.edu/students/financial\\_aid](http://umb.edu/students/financial_aid)

## Health Service

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[healthservices.umb.edu](http://healthservices.umb.edu)

## Housing Referral Service

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[umb.edu/students/housing](http://umb.edu/students/housing)

## Library

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[lib.umb.edu](http://lib.umb.edu)

## Public Safety

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[publicsafety.umb.edu](http://publicsafety.umb.edu)

## Sailing Program

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[umb.edu/umb/marineops/recreational/](http://umb.edu/umb/marineops/recreational/)

## Student Email

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[umb.edu/it/comm/mail/student\\_email.html](http://umb.edu/it/comm/mail/student_email.html)

## Student Life Office

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[umb.edu/student\\_affairs/studentlife](http://umb.edu/student_affairs/studentlife)

## Summer Student ID Cards

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[umb.edu/student\\_affairs/studentlife/id.html](http://umb.edu/student_affairs/studentlife/id.html)

## Tutorial Services

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[academicsupport.umb.edu](http://academicsupport.umb.edu)

## Veterans Services

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CC-4-4100, 617.287.5875; M-F 8:30am-5:00pm

# Academic Information

## Eligibility for Enrollment

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### Undergraduate courses

[umb.edu/academics/undergraduate/office/gened/gened.html](http://umb.edu/academics/undergraduate/office/gened/gened.html)

### College of Management

[umb.edu/academics/cm/](http://umb.edu/academics/cm/)

[umb.edu/academics/cm/ug\\_programs/academics/](http://umb.edu/academics/cm/ug_programs/academics/)

### Prerequisites and Permission

If you are uncertain about whether you have met a prerequisite, you should contact the appropriate academic department or program.

## Diagnostic Testing

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[uac.umb.edu/testing](http://uac.umb.edu/testing)

## Advising

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Matriculated students:

[umb.edu/academics/vpass/uac](http://umb.edu/academics/vpass/uac)

Advising is also provided through the College of Advancing and Professional Studies:

[caps.umb.edu/moreinfo/academic/advising](http://caps.umb.edu/moreinfo/academic/advising)

## Auditing

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[caps.umb.edu/moreinfo/academic/auditing](http://caps.umb.edu/moreinfo/academic/auditing)

## Withdrawing from Courses

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[caps.umb.edu/moreinfo/academic/withdrawing](http://caps.umb.edu/moreinfo/academic/withdrawing)

## Grades

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[umb.edu/registrar/grades\\_transcripts/grading\\_system](http://umb.edu/registrar/grades_transcripts/grading_system)

## Pass/Fail Option

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[caps.umb.edu/moreinfo/academic/passfail](http://caps.umb.edu/moreinfo/academic/passfail)

## Academic Standing

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[caps.umb.edu/moreinfo/academic/standing](http://caps.umb.edu/moreinfo/academic/standing)

## Internships and Cooperative Education

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### College of Liberal Arts

[umb.edu/academics/cla](http://umb.edu/academics/cla)

### College of Management

[http://cdn.umb.edu/images/college\\_management/College\\_of\\_Management\\_Academic\\_Internship\\_Request\\_Form.pdf](http://cdn.umb.edu/images/college_management/College_of_Management_Academic_Internship_Request_Form.pdf)

## Transfer Credit

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[caps.umb.edu/moreinfo/academic/transfer/](http://caps.umb.edu/moreinfo/academic/transfer/)

## Transcripts

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[umb.edu/registrar/grades\\_transcripts/requesting\\_transcripts](http://umb.edu/registrar/grades_transcripts/requesting_transcripts)

# Fees, Payments & Registration

## Course Fees

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Course fees are included with course descriptions. These fees are typically calculated on a per-credit basis, as follows:

Undergraduate	\$351 per credit
Graduate	\$490 per credit

In some cases a course fee may be calculated differently because of special costs or a subsidy.

### Lab Fees

Lab fees must be paid for certain courses, as indicated in the course matrix to the right of the course fee.

<b>Combined Mandatory Summer Fee</b>	\$160
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The combined mandatory fee supports programs, activities, and campus facilities beneficial to students, including the following: University Health Services, Athletics, Student Activities, Campus Center operations, and Technology. This fee does not apply to students taking *only online or off-campus* classes.

### Service Fees

The following fees are paid only by students to whom the specified conditions apply:

Records Fee (for non-matriculated students)	\$10
Returned Check or e-Check fee	\$25

## Degree and Certificate Program Fees

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Please visit the Bursar's website and link to '[Other Fee Information](#)' for a detailed breakout and explanation of additional mandatory fees paid by those seeking to matriculate or who are currently matriculated into a degree or certificate:

[http://www.umb.edu/bursar/tuition\\_and\\_fees](http://www.umb.edu/bursar/tuition_and_fees)

## Payments

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[caps.umb.edu/moreinfo/registration/payment](http://caps.umb.edu/moreinfo/registration/payment)

## Refund Policy

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[caps.umb.edu/moreinfo/registration/refund](http://caps.umb.edu/moreinfo/registration/refund)

## Course Fee Waiver Policy

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[caps.umb.edu/moreinfo/registration/waiver](http://caps.umb.edu/moreinfo/registration/waiver)

Please refer to the URL above for a complete, detailed description of waiver guidelines, options, and exclusions.

## When to Register

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[summer.umb.edu](http://summer.umb.edu)

Please refer to the Academic Calendar in this bulletin or on our website for important dates and deadlines.

## How to Register

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[caps.umb.edu/moreinfo/registration/how](http://caps.umb.edu/moreinfo/registration/how)

**By Permission of Instructor and/or Department**

Note: All registrations are accepted on the basis of available space.

## Adding and Dropping Courses

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[caps.umb.edu/moreinfo/registration/adddrop](http://caps.umb.edu/moreinfo/registration/adddrop)

## Cancellations

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[caps.umb.edu/moreinfo/registration/cancellation](http://caps.umb.edu/moreinfo/registration/cancellation)



# College of Advancing and Professional Studies Summer 2014 Non-Credit Course Registration

Student ID

Social Security #  -  -   
Required if a UMass Boston Student ID is not available

Permanent Alien Resident Registration #  -  -

Visa Status \_\_\_\_\_ Country of Citizenship \_\_\_\_\_

Name \_\_\_\_\_

Date of Birth \_\_\_\_\_ Gender   M/  F

Daytime Phone \_\_\_\_\_ Evening Phone \_\_\_\_\_

Email address \_\_\_\_\_

Mailing address \_\_\_\_\_

Permanent address \_\_\_\_\_

Emergency contact \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_ Relationship to student \_\_\_\_\_

Job Title \_\_\_\_\_ Employer \_\_\_\_\_

Employer Address \_\_\_\_\_

Have you taken a UMass Boston course before?    Y    N

## Residency Information

**Part I:** This should be filled out by those applicants who are residents of Massachusetts as defined by the rules and regulations. I have read the rules and regulations governing the residency status of students for tuition purposes at the University of Massachusetts and I hereby state that pursuant to these rules and regulations, I qualify as a resident of Massachusetts for the following reasons (check one):

- I am 18 years of age or more, am a U.S. citizen or green card holder, and have resided continuously in Massachusetts since (month/year) \_\_\_\_/\_\_\_\_
- I am under 18, and my parent or legal guardian has resided in Massachusetts since (month/year) \_\_\_\_/\_\_\_\_
- I am married, and my spouse has resided in Massachusetts since (month/year) \_\_\_\_/\_\_\_\_
- If you are a permanent alien resident, please provide your Alien Registration Number and a copy of both sides of your card.

**Part II:** This should be filled out by those applicants who are not residents of Massachusetts, as defined by the rules and regulations.

I do not qualify for classification as a resident of Massachusetts as defined in the rules and regulations governing the residency status of students for tuition purposes at the University of Massachusetts.

**Ethnic Survey Information.** Please check appropriate letter.

- A. American Indian/Alaskan Native
- B. Black (Non-Hispanic)
- C. Asian or Pacific Islander
- D. Hispanic
- E. Non-resident Immigrant
- F. White (Non-Hispanic)
- G. Other \_\_\_\_\_

Class No.	Catalog No.	Title	Start date	Course Fee
<b>Course &amp; Lab Fees Total</b>				

## Method of Registration Method of Payment

- Mail  Fax 617.287.7902
- Walk-in

Note: improperly completed forms and/or checks cannot be accepted, and will therefore be returned unprocessed.

- I am paying by check.** Make checks payable to UMass Boston. If you are registering by mail, send this form along with your check to: UMass Boston, Registrar's Office, CC 4, Box C, 100 Morrissey Boulevard, Boston, MA 02125-3393.
- I am paying by credit card.** UMass Boston no longer accepts direct card payments, but you can pay your fees by credit card through SallieMae® (Visa, MasterCard, Discover, or American Express). A 2.5% service fee will be charged by SallieMae for processing your payment. Instructions and links can be found at [wiser.umb.edu](http://wiser.umb.edu).
- I am paying in cash.** Once you have registered, you can make a cash payment at the Bursar's Office (Campus Center, 4th floor) M-Th 8:00am-5:00pm, F 8:00am-4:00pm.
- I am using financial aid.**
- Bill my account.** Bills will be sent to the mailing address entered above. For account status and payment information, visit [wiser.umb.edu](http://wiser.umb.edu).
- Third Party or Outside Agency** (Attach documentation)  
\_\_\_\_\_
- Other** \_\_\_\_\_

## Payment By Outside Agency

If charges are to be paid by an outside agency, a payment authorization from that agency is required. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them.

Staff Initials  
\_\_\_\_\_

Postmark Date  
\_\_\_\_\_

# College of Advancing and Professional Studies Summer 2014 Credit Course Registration

Student ID

\_\_\_\_\_

Social Security #

\_\_\_\_\_

Required if a UMass Boston Student ID is not available

Permanent Alien Resident Registration #

\_\_\_\_\_

Visa Status

\_\_\_\_\_

Name

\_\_\_\_\_

Date of Birth

\_\_\_\_\_

Gender

M/ F

Daytime Phone

\_\_\_\_\_

Evening Phone

\_\_\_\_\_

Primary address

\_\_\_\_\_

Permanent address

\_\_\_\_\_

Email address

\_\_\_\_\_

Have you taken UMass Boston courses before?

Y N

## Residency Information

**Part I:** This should be filled out by those applicants who are residents of Massachusetts as defined by the rules and regulations. I have read the rules and regulations governing the residency status of students for tuition purposes at the University of Massachusetts and I hereby state that pursuant to these rules and regulations, I qualify as a resident of Massachusetts for the following reasons (check one):

I am 18 years of age or more, am a U.S. citizen or green card holder, and have resided continuously in Massachusetts since (month/year) \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

I am under 18, and my parent or legal guardian has resided in Massachusetts since (month/year) \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

I am married, and my spouse has resided in Massachusetts since (month/year) \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

If you are a permanent alien resident, please give your Alien Registration Number and a copy of both sides of your card - \_\_\_\_\_

**Part II:** This should be filled out by those applicants who are not residents of Massachusetts, as defined by the rules and regulations.

I do not qualify for classification as a resident of Massachusetts as defined in the rules and regulations governing the residency status of students for tuition purposes at the University of Massachusetts.

**Ethnic Survey Information.** Please circle appropriate letter.

American Indian/Alaskan Native

Black (Non-Hispanic)

Asian or Pacific Islander

Hispanic

Non-resident Immigrant

White (Non-Hispanic)

Other \_\_\_\_\_

**Emergency Contact Information:** Name: \_\_\_\_\_ Phone #: \_\_\_\_\_

Address: \_\_\_\_\_

Relationship to Student: \_\_\_\_\_

Important: This information is required on Administrative Hold will be required to student registrations until Emergency Contact information is provided.

Class No.	Dept./Catalog No.	Title	Session	Faculty Initials (if required)	Credits	Course Fee	Lab Fee	Course + Lab Fees Total
<b>Course &amp; Lab Fees Total</b>								

## Calculate Total for Semester

Enter Course & Lab Fees Total	
Service Fees (not applicable if only taking online courses)	\$160
Records Fee (Non-matriculated students only)	\$10
<b>FINAL TOTAL</b>	

## Method of Registration

Mail  Fax 617.287.7902

Walk-in

Note: improperly completed forms and/or checks cannot be accepted, and will therefore be returned unprocessed.

## Method of Payment

**I am paying by check.** Make checks payable to UMass Boston. If you are registering by mail, send this form along with your check to: UMass Boston, Registrar's Office, CC 4, Box C, 100 Morrissey Boulevard, Boston, MA 02125-3393.

**I am paying by credit card.** UMass Boston no longer accepts direct card payments, but you can pay your fees by credit card through SallieMae® (Visa, MasterCard, Discover, or American Express). A 2.5% service fee will be charged by SallieMae for processing your payment. Instructions and links can be found at [wiser.umb.edu](http://wiser.umb.edu).

**I am paying in cash.** Once you have registered, you can make a cash payment at the Bursar's Office (Campus Center, 4th floor) M-Th 8:00am-5:00pm, F 8:00am-4:00pm.

**I am using financial aid.**

**Bill my account.** Bills will be sent to the mailing address entered above. For account status and payment information, visit [wiser.umb.edu](http://wiser.umb.edu).

**Third Party or Outside Agency** (Attach documentation)

**Other** \_\_\_\_\_

Staff Initials \_\_\_\_\_

Postmark Date \_\_\_\_\_

## Payment By Outside Agency

If charges are to be paid by an outside agency, a payment authorization from that agency is required. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them.

# NEW IS HAPPENING!

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## UMass Boston is on the grow...with building construction of new academic and parking facilities.

During our construction phase, you'll find new access routes and construction projects. So, this summer, let us help you meet the challenge of travel and getting around campus. Get the most out of your summer school experience and follow our tips below to arrive with confidence and have a great summer of learning!

- (1) **Take the T.** Our free shuttle from JFK stop on the Red Line and free shuttle from the UMass Boston parking lot at the former Bayside Expo are the best way to go.
- (2) **Catch the bus.** Download [TransLoc: Transit Visualization](#), a real-time tracking app to see when your bus is expected. Available at the Apple and Google Play stores.
- (3) **Get the 411.** We regularly posts campus map updates and construction news. Follow these URLs to stay updated on transportation and parking:

 [umb.edu/the\\_university/getting\\_here/commuting/public\\_transit](http://umb.edu/the_university/getting_here/commuting/public_transit)

 [umb.edu/the\\_university/getting\\_here/parking/map](http://umb.edu/the_university/getting_here/parking/map)

 [umb.edu/map](http://umb.edu/map)

- (4) **Take an online course**...and study anywhere, anytime!



**UMASS  
BOSTON**

**COLLEGE OF ADVANCING AND PROFESSIONAL STUDIES**

UNIVERSITY OF MASSACHUSETTS BOSTON

100 Morrissey Boulevard  
Boston, MA 02125-3393